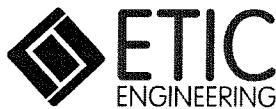


LETTER OF TRANSMITTAL

2774 East Walnut Street
Pasadena, California 91107

Tel: (626) 432-5999
Fax: (626) 432-5998

TO:

Ms. Marla D. Guensler
ExxonMobil Oil Corporation
3700 W. 190th Street, TPT #2-7
Torrance, California 90504

DATE:	25 January 2006
PROJECT NO.	TASK
UP18HE1	1.2C
RE:	

ENCLOSED ARE THE FOLLOWING ITEMS:

NO. COPIES	DESCRIPTION
1 unbound, 3-hole punched	Site Status Report, quarterly summary sheet, figures, and tables from the Site Status and Groundwater Monitoring Report, Fourth Quarter 2005 (23 August 2005 to 16 November 2005), ExxonMobil Oil Corporation Service Station 18-HE1, 1465 South Main Street, Santa Ana, California

THESE ARE TRANSMITTED AS CHECKED BELOW:

- For your use As requested For review and comment For your information
- Other:

MESSAGE:

Attached are copies of the site status report, quarterly summary sheet, figures, and tables from the Site Status and Groundwater Monitoring Report, Fourth Quarter 2005 for ExxonMobil Oil Corporation Service Station 18-HE1, for your files.

ETIC has mailed a copy of the report and cover letter directly to the following:

- Ms. Rose Scott, Regional Water Quality Control Board, Santa Ana Region.
- Mr. Ted Lamont, Santa Ana Newport Associates.

If you have any questions, please contact Mr. Patrick McCullough of the ETIC Pasadena office.

Thank you.

COPY TO:

SIGNED

Patrick McCullough, Senior Project Manager

Sent via:	<input type="checkbox"/> Federal Express Priority	<input type="checkbox"/> Federal Express Standard	<input type="checkbox"/> Federal Express 2-Day	<input type="checkbox"/> Express Mail
	<input type="checkbox"/> Priority Mail	<input type="checkbox"/> Hand delivery	<input type="checkbox"/> Courier Service	<input type="checkbox"/> UPS Ground
	<input checked="" type="checkbox"/> First Class Mail			
	<input type="checkbox"/> Other			

25 January 2006

Ms. Rose Scott
Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339

**RE: Site Status and Groundwater Monitoring Report
Fourth Quarter 2005 (23 August 2005 to 16 November 2005)**
ExxonMobil Oil Corporation Service Station 18-HE1
1465 South Main Street
Santa Ana, California 92707
RWQCB-SAR Case #083000256T

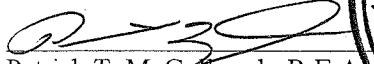
Dear Ms. Scott:

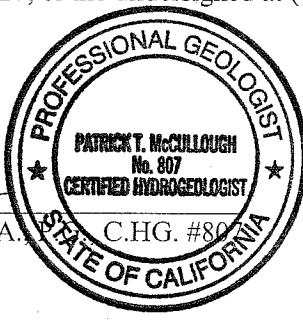
At the request of ExxonMobil Oil Corporation, ETIC Engineering, Inc. has prepared this Fourth Quarter 2005 Site Status and Groundwater Monitoring Report for the above-referenced site. The contents of this report include:

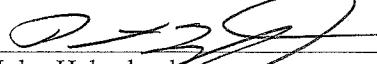
Fourth Quarter 2005 Site Status Report
Fourth Quarter 2005 Quarterly Monitoring Report Summary Sheet
List of Standard Acronyms and Abbreviations
Attachment A Figures
Attachment B Tables
Attachment C Field Protocols
Attachment D Field Documents
Attachment E Laboratory Analytical Reports and Chain-of-Custody Documentation

Should you have any questions regarding this report, please contact Ms. Marla Guensler, ExxonMobil Oil Corporation, at (310) 212-3727, or the undersigned at (626) 432-5999.

Sincerely,


Patrick T. McCullough, R.E.A.
Senior Project Manager




John Haberland
Project Manager

cc: Ms. Marla Guensler, ExxonMobil Oil Corporation
Mr. Ted Lamont, Santa Ana Newport Associates

FOURTH QUARTER 2005 SITE STATUS REPORT
23 AUGUST 2005 TO 16 NOVEMBER 2005
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1

SITE HISTORY

- Pre-7/86 One 12,000-gallon and two 10,000-gallon double-walled fiberglass gasoline USTs were installed at the site.
- 7/86 One used-oil UST was removed from the site and replaced with one 1,000-gallon used-oil UST. Approximately 76.5 cubic yards of used-oil affected soil was excavated and removed from the site.
- 9/86 Four groundwater monitoring wells (MW1 through MW4) were installed onsite.
- 3/88 Groundwater monitoring wells were sampled and analyzed.
- 11-12/88 Rising head slug test was conducted on MW1. Groundwater monitoring wells were sampled and analyzed.
- 1/89 Geoprobe groundwater and soil gas survey conducted at the site.
- 9/90 Two groundwater monitoring well (MW5 and MW6) were installed onsite. All six groundwater monitoring wells were sampled and analyzed.
- 1/91 All six groundwater monitoring wells were sampled and analyzed.
- 1-6/92 Four onsite soil borings (B1 through B4) were advanced. Two offsite groundwater monitoring wells (MW7 and MW8) and two onsite vadose zone wells (VW9 and VW10) were installed.
- 6-7/92 Slug, step-drawdown, and a constant rate groundwater tests were conducted at the site. Two vapor extraction (VE) tests were also conducted.
- 2/93 Quarterly groundwater monitoring program was initiated.
- 12/93 Six groundwater monitoring wells (MW9 through MW14) were installed offsite. Fuel dispenser islands were replaced.
- 12/94-1/95 Two soil borings (SB1 and SB2) were advanced and three groundwater monitoring wells (MW15 through MW17) were installed.

- 1/96 Two onsite vapor extraction wells (VW11 and VW12) and one offsite groundwater monitoring well (MW18) were installed. A VE test was conducted at the site.
- 7/97 Initiated monthly bailout/pumpouts and ongoing replacement and service of downhole pass product skimmers/Soakease bailers. Product skimmer or Soakease bailer was installed in well MW1. Monthly bailouts/pumpouts were conducted on well MW1.
- 10/97 Wells MW6 and MW17 added to the monthly bailout/pumpouts. Some monthly bailout/pumpouts were conducted on wells MW11 and MW12.
- 11/97 Two vapor probes (PZ1 and PZ2) were installed onsite for a respiration test. Bioventing was not recommended due to a majority of the hydrocarbon-affected soil located in the capillary fringe and saturated zone (approximately 20 feet bgs). Soil beneath the site were predominately clays and silts which have a limited effective radius of influence.
- 12/97-3/98 Monthly 8-hour dual-phase extraction (DPE) events conducted on well MW1.
- 8/00 One groundwater monitoring well (MW19) was installed offsite.
- 3/01 RWQCB-SAR required all groundwater samples to be analyzed by EPA Method 8260B fullscan.
- 12/01 AB 2886 surveying was conducted at the site. Groundwater monitoring wells were surveyed for the SWQCB's GeoTracker database.
- 3/02 Soakease bailer was installed in MW12.
- 5/02 Case review meeting between OCHCA, ExxonMobil, and TRC Customer-Focused Solutions (TRC). A summary of the meeting included: 1.) Wells MW7, MW12, and MW16 will be analyzed for lead to establish if dissolved-phase benzene observed in well MW12 migrated from former Texaco station; 2.) Review available technologies for enhanced natural attenuation in wells located upgradient of the source area and within the source area; 3.) Analysis of dissolved-phase ethanol and methanol will be reduced from quarterly to annually; 4.) Once GeoTracker is fully operational, analyze EPA Method 8260B, instead of full scan; and 5.) Combined the quarterly groundwater monitoring report and the quarterly status summary report.
- 4/03 Soakease bailer removed from well MW12 due to no LPH in well.

- 5/03 Monthly overpurge events discontinued.
- 11/04 Natural attenuation parameter groundwater sampling conducted on wells MW1, MW2, MW6, and MW17.
- 2/05 Natural Attenuation Study Report and CAP submitted proposing groundwater monitoring and sampling be conducted for an additional four quarters, at which time a request for closure will be submitted if dissolved-phase concentrations remain at present levels or decrease.
- 4/05 Environmental consulting and management activities transferred from TRC to ETIC Engineering, Inc.

HYDROCARBON AND GROUNDWATER RECOVERY

Hydrocarbons recovered to date:	~ 2 gallons by DPE
Groundwater recovered from manual bailouts/pumpouts:	32,895 gallons
Groundwater recovered during DPE:	~ 5,000 gallons
Liquid-phase hydrocarbons recovered to date: (Soakease bailers)	~ 1.99 gallons

SOIL EXCAVATED

To date: 76.5 cubic yard (from used-oil UST).

ACTIVE PERMITS

City of Santa Ana Street Work Permit #S0100899, expires 5 May 2006.

CURRENT SITE USE

Active service station: one 12,000-gallon double-walled fiberglass UST, two 10,000- gallon double-walled fiberglass USTs, one 1,000-gallon used-oil UST, double-walled fiberglass piping, three dispenser islands, and three service bays with a hydraulic hoist in each bay (see Figure 2 – Site Map).

SENSITIVE RECEPTORS

Groundwater Supply Wells: Two active production wells are located within one mile of the site. City of Santa Ana well SA-26 is located 4,200 feet

east-southeast of the site. IRWD-5 is located 4,600 feet south of the site.

Surface Water Bodies:	None within one mile of the site.
Schools:	20 preschools, elementary, middle, and high schools are within 1 mile of the site. The closest school, Saint Anne Elementary School, is located approximately 1,000 feet north of the site.

CURRENT PHASE OF PROJECT

Groundwater monitoring and sampling.

MOST RECENT AGENCY CORRESPONDENCE

RWQCB-SAR conversation (1 October 2004): Conversation between TRC and RWQCB-SAR giving approval to conduct natural attenuation parameter sampling as proposed in TRC work plan dated 1 October 2004.

GROUNDWATER CONDITIONS

Current Maximum Concentrations:	TPH-g 15,000 µg/L (MW7, 16 November 2005) Benzene 1,890 µg/L (MW7, 16 November 2005) MTBE 70.4 µg/L (MW16, 16 November 2005) TBA 530 µg/L (MW17, 16 November 2005)
Historical Maximum Concentrations:	TPH-g 85,400 µg/L (MW12, 9 February 2005) Benzene 11,000 µg/L (MW17, 16 April 1996) MTBE 14,000 µg/L (MW17, 1 June 1998) TBA 21,000µg/L (MW17, 13 December 2000 and 31 October 2001)

ACTIVITIES PERFORMED THIS QUARTER

- Conducted quarterly groundwater monitoring and sampling on 16 November 2005.

ACTIVITIES PROPOSED NEXT QUARTER

- Conduct quarterly groundwater monitoring and sampling.

FOURTH QUARTER 2005 – 23 AUGUST 2005 TO 16 NOVEMBER 2005
QUARTERLY MONITORING REPORT SUMMARY SHEET

SITE INFORMATION

Station Number:	18-HE1	Address:	1465 South Main Street, Santa Ana, California 92707
Current Site Use:			Active Mobil-branded service station
Global Identification Number:			T0605900197
Responsible Party / Contact:			ExxonMobil Oil Corporation / Marla D. Guensler
Responsible Party Address:			3700 W. 190 th Street, Torrance, CA 90504
Primary Agency / Case Number / Case Worker:			RWQCB-SAR/ #083000256T/ Rose Scott
Primary Consultant / Project Manager:			ETIC Engineering, Inc. / John Haberland
Site Monitoring Frequency:			Quarterly
Well(s) / Surface Water within 2,000 feet:			No wells / None
Number of Groundwater Wells Onsite / Offsite:			-5 onsite wells / 13 offsite wells
Number of Wells with Submerged Screens:			4 (MW2, MW6, MW13, and MW18)
Current Phase of Project:			Groundwater monitoring/ natural attenuation
Nature of Hydrocarbon Impact:			Gasoline

SITE HYDROLOGY

Number of Saturated Zones:	1
Average Depth to Groundwater (feet):	17.28
Average Groundwater Elevation (feet):	59.48
Quarterly Change in Average Groundwater Elevation (feet):	-0.69
Flow Direction / Hydraulic Gradient (feet/feet):	Southeast /0.046

FIELD ACTIVITIES

Groundwater Monitoring Date:	11/16/05
Groundwater Monitoring Wells Gauged:	18
Groundwater Monitoring Wells Sampled:	18
LPH Present:	0.13 feet in well MW12
LPH Recovered This Quarter / To Date:	None / 0 gallons
Purging Method:	No Purge
Gallons of Groundwater Purged:	N/A
Treatment Method / Disposal Facility:	None
Analyses Performed:	TPH-g (8015B), BTEX/OXYs (8260B)

GROUNDWATER CONDITIONS

Number of Wells with Detectable TPH-g:	3	TPH-g Range ($\mu\text{g/L}$): 83.8 to 15,000
Number of Wells with Detectable Benzene:	2	Benzene Range ($\mu\text{g/L}$): 103 to 1,890
Number of Wells with Detectable MTBE:	7	MTBE Range ($\mu\text{g/L}$): 2.08 to 70.4
Number of Wells with Detectable TBA:	2	TBA Range ($\mu\text{g/L}$): 21.2 to 530

ADDITIONAL INFORMATION

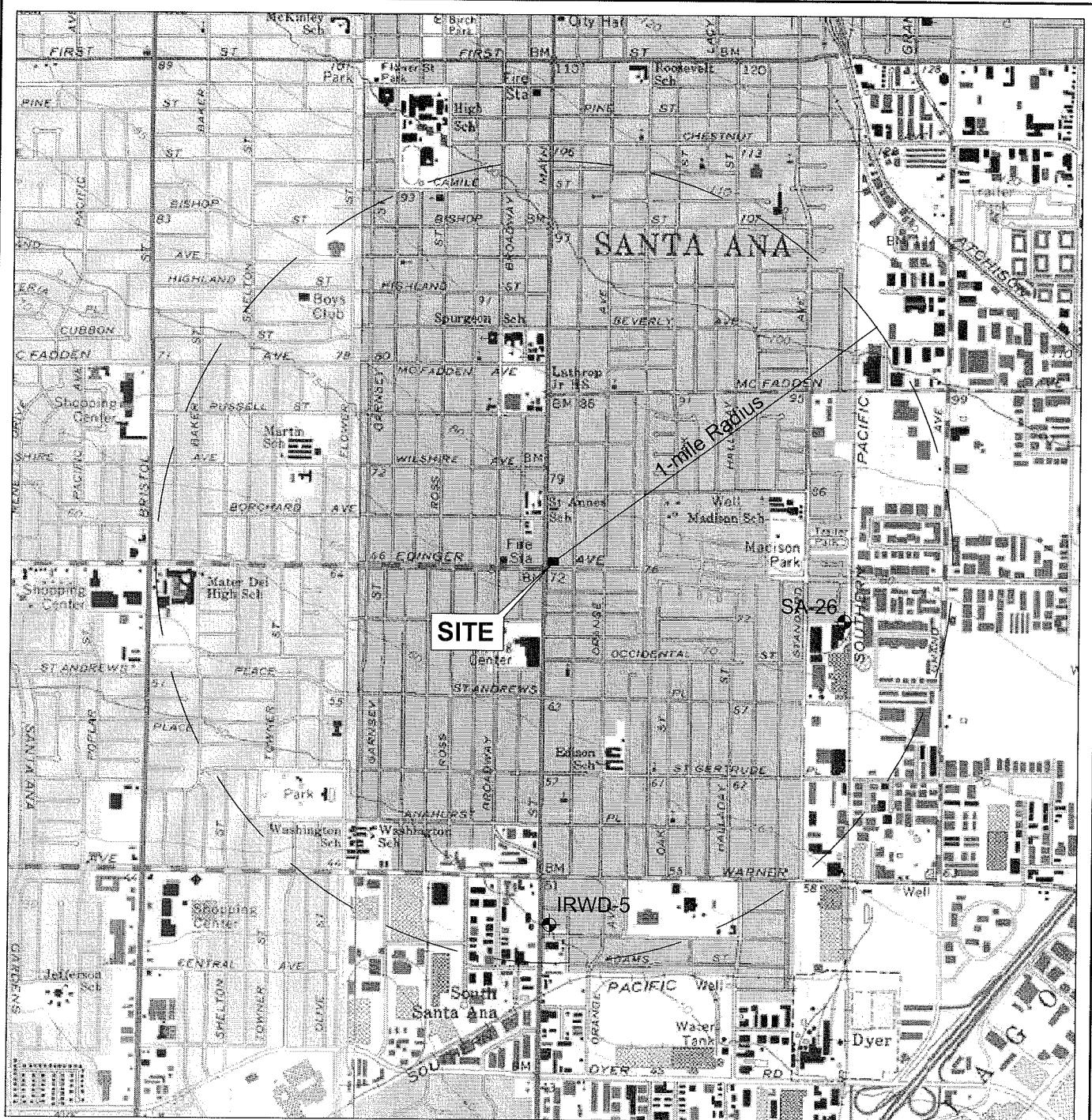
Brief Trend Analysis:	In general, concentrations of TPH-g, benzene, MTBE, and TBA have decreased or remained below the reporting limits in all wells, except; TPH-g concentrations increased in wells MW5, MW7, and MW17. MTBE concentrations increased in well MW11. Average groundwater elevation has decreased 0.69 feet since the previous quarter and groundwater flow direction remains consistent with previous quarters.
Other Comments:	None.

LIST OF STANDARD ACRONYMS AND ABBREVIATIONS

--	not sampled, not analyzed, or information not available
$\mu\text{g/L}$	micrograms per liter
APUD	Anaheim Public Utilities Department
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
DIPE	diisopropyl ether
DTW	depth to water
ETBE	ethyl tertiary butyl ether
ETIC	ETIC Engineering, Inc.
GES	groundwater extraction system
GWP&T	groundwater pump and treat
LPH	liquid-phase hydrocarbons
mg/kg	milligrams per kilogram
MTBE	methyl tertiary butyl ether
N/A	not applicable
NC	not calculated
ND	not detected
NM	not measured
NPDES	National Pollutant Discharge Elimination System
OCHCA	Orange County Health Care Agency
OXYs	oxygenates (includes: MTBE, DIPE, TAME, TBA, and ETBE)
ppmv	parts per million by volume
RWQCB-SAR	Regional Water Quality Control Board, Santa Ana Region
SCAQMD	South Coast Air Quality Management District
TAME	tertiary amyl methyl ether
TBA	tertiary butyl alcohol
TOC	top of casing
TPH-d	Total Petroleum Hydrocarbons as diesel
TPH-g	Total Petroleum Hydrocarbons as gasoline
USTs	underground storage tanks
VES	vapor extraction system
VOCs	volatile organic compounds

Attachment A

Figures

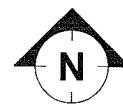


(Map Source: USGS Topography Map)

LEGEND:

Wells Within
1-Mile Radius

- 2 ● ACTIVE PRODUCTION WELL
- 0 ○ INACTIVE PRODUCTION WELL
- 0 ⊕ LIKELY DESTROYED OR ABANDONED PRODUCTION WELL
- 0 ? UNKNOWN STATUS
- 0 ■ IRRIGATION/AGRICULTURAL WELL

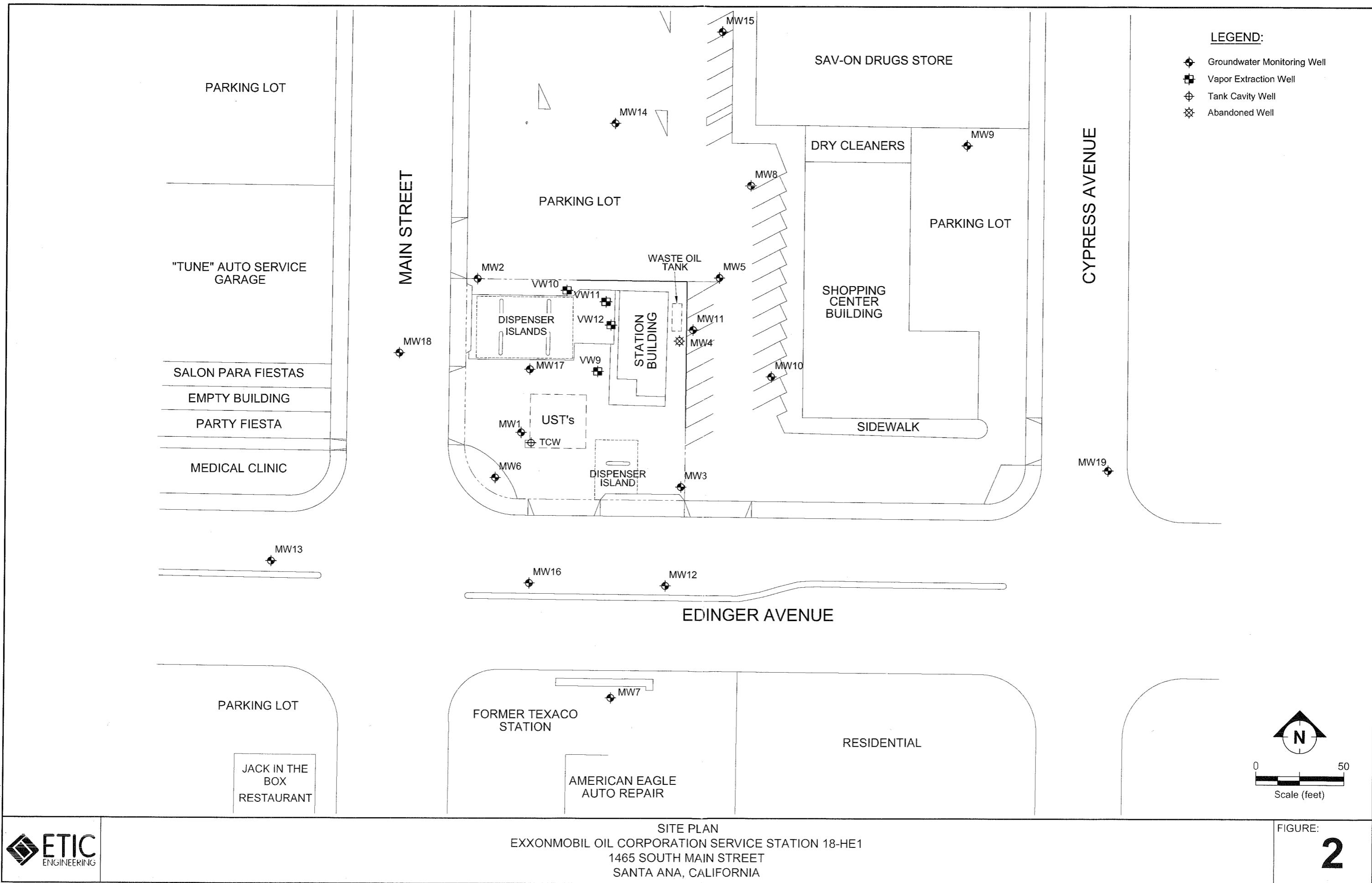


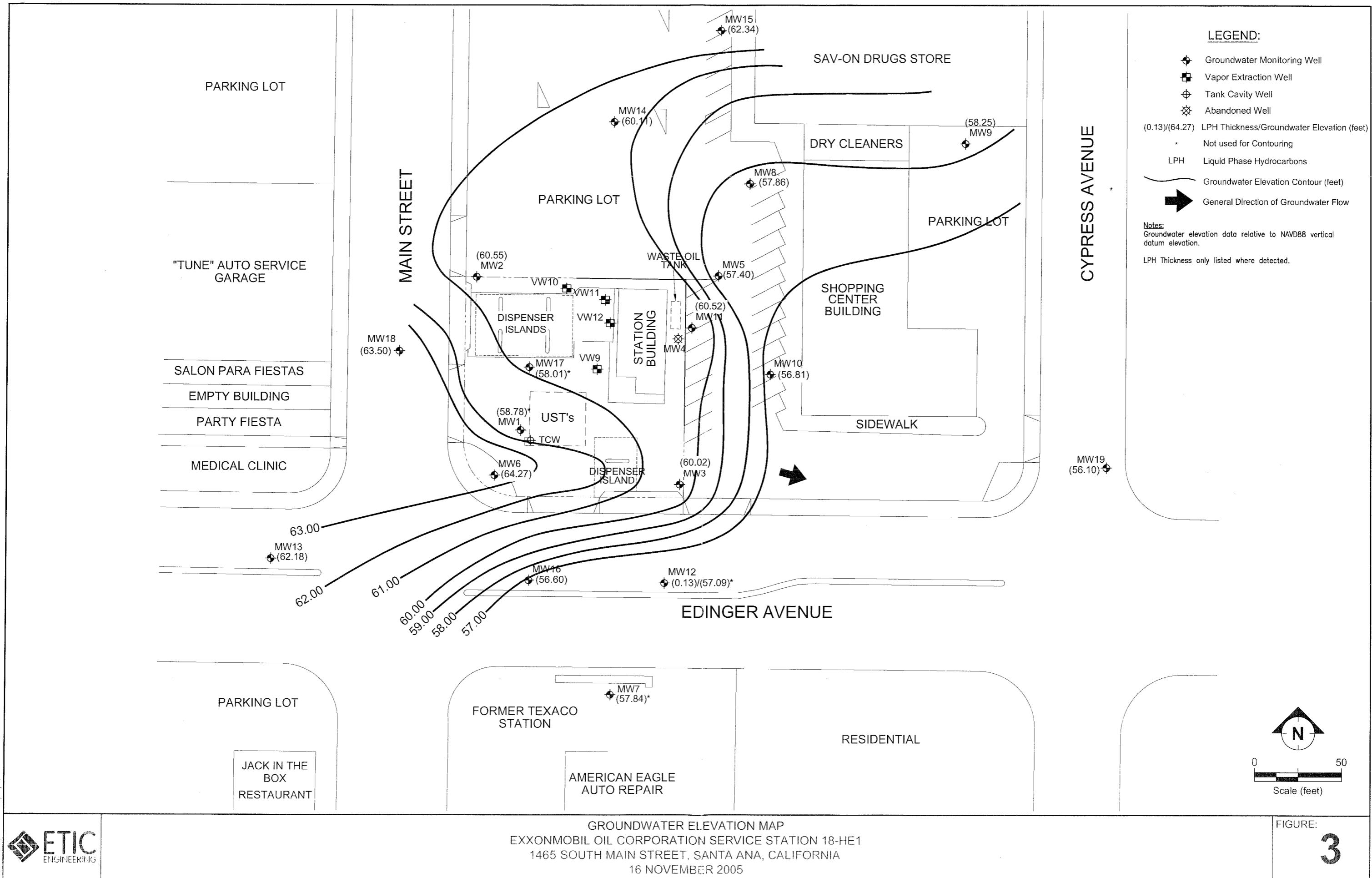
0 2,000
Scale (feet)

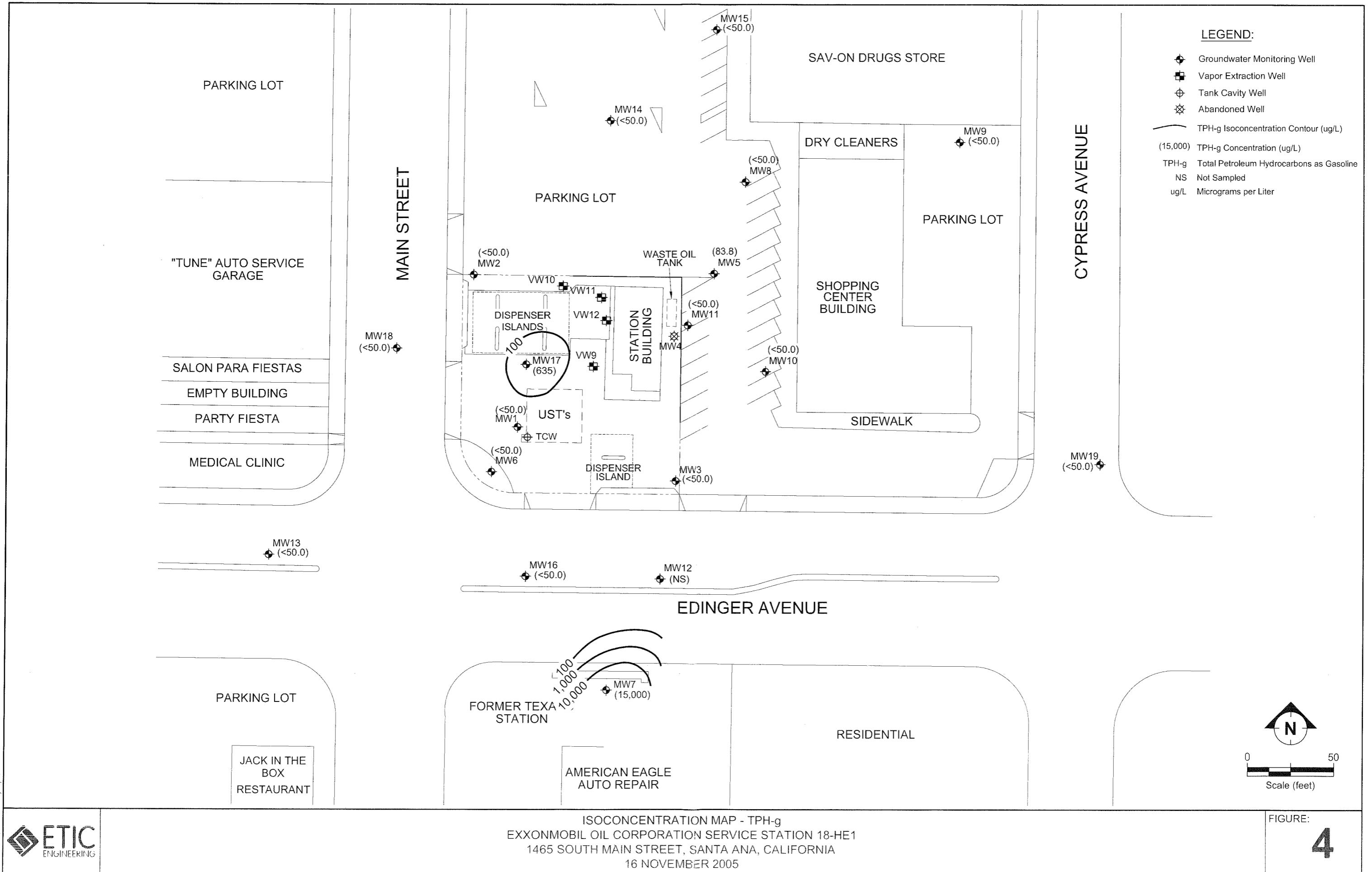
Note: All well locations approximate. Well locations provided by Orange County Water District, request dated 15 January 2002.

LEGEND:

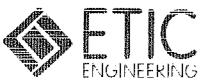
- Groundwater Monitoring Well
- Vapor Extraction Well
- ◆ Tank Cavity Well
- ✖ Abandoned Well







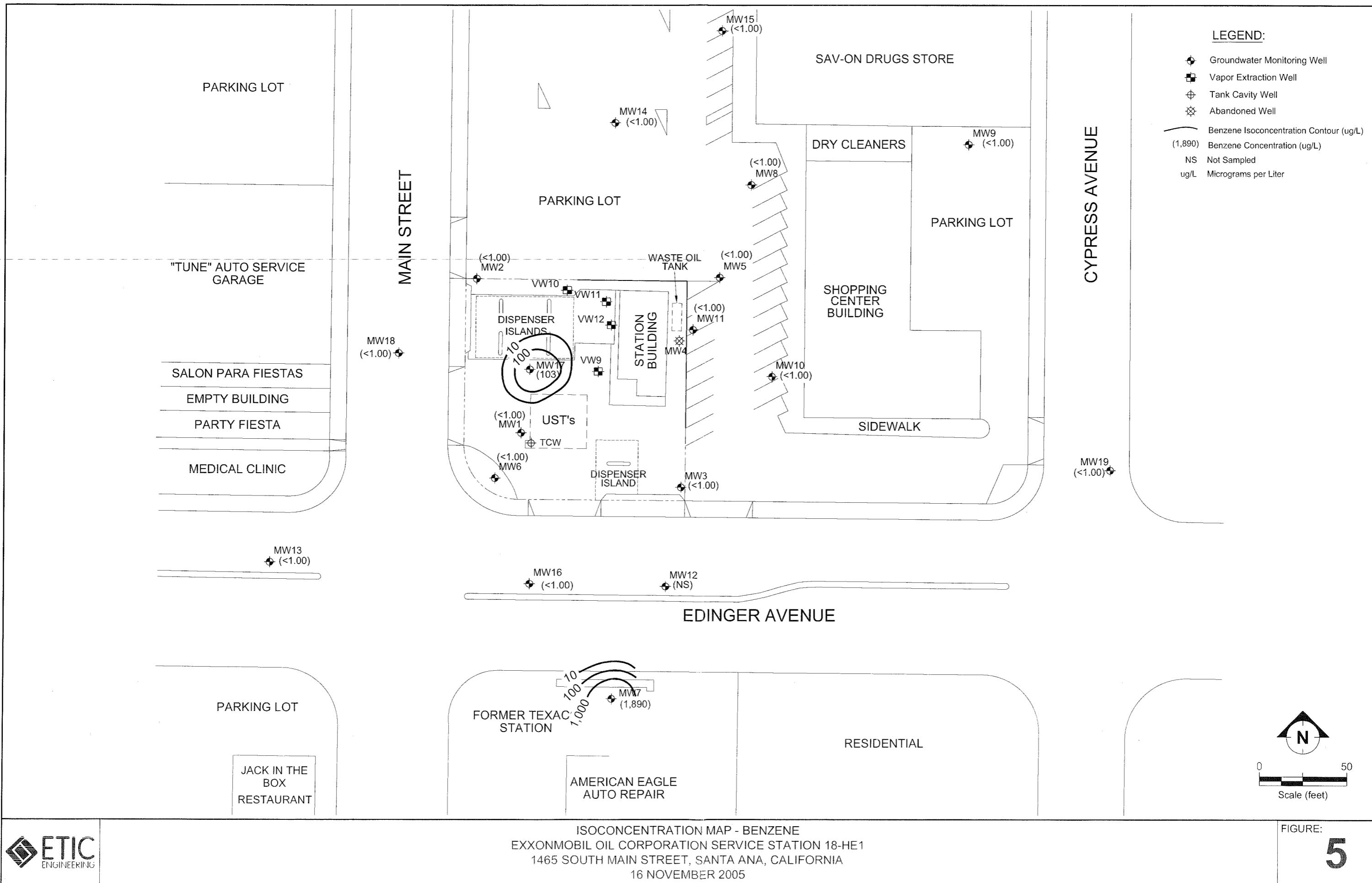
DRAFT 4q2005.DWG 12/09/05



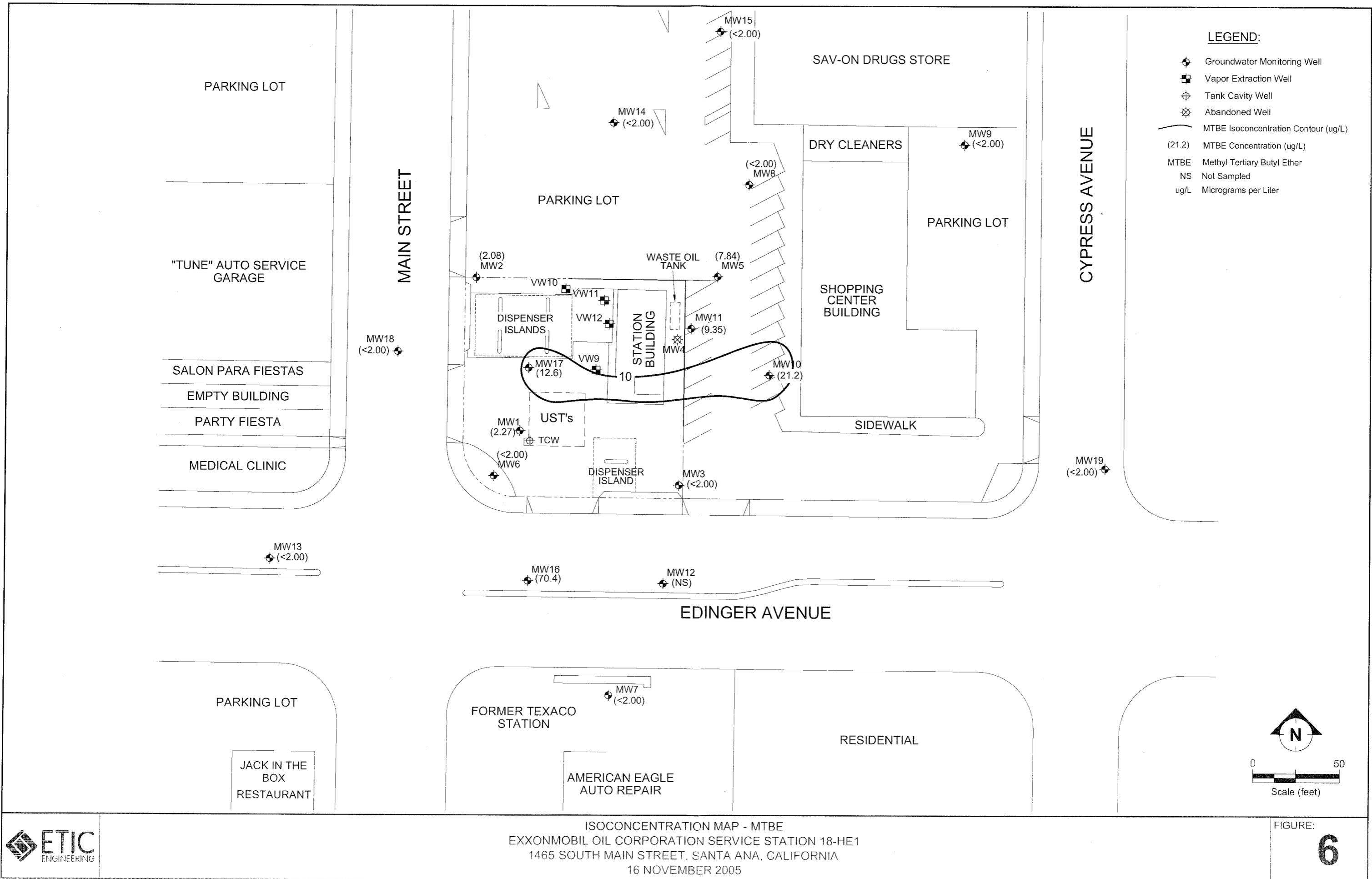
ISOCONCENTRATION MAP - TPH-g
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA
16 NOVEMBER 2005

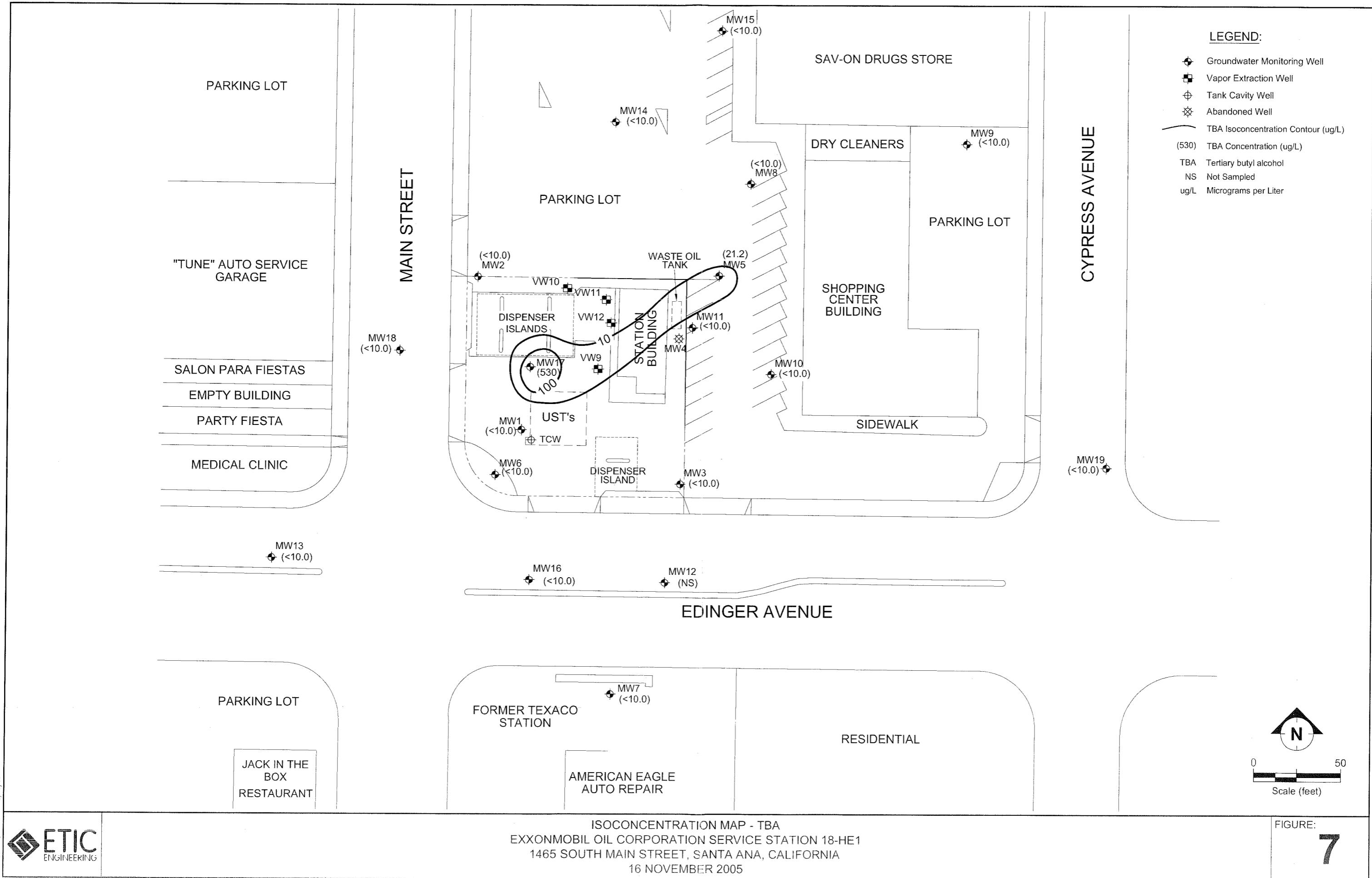
FIGURE:

4



ISOCONCENTRATION MAP - BENZENE
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA
16 NOVEMBER 2005





Attachment B

Tables

TABLE 1 MONITORING SCHEDULE AND WELL CONSTRUCTION DETAILS,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well Number	Well Activities				Date Installed	Well Location	Elevation TOC (feet)	Total Well Depth (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet bgs)
	Gauge	Sample	Purge	LPH Removal							
MW1	Q	Q	NP	N/A	09/04/86	Onsite	76.31	31.5	10	4	17.5-31.5
MW2	Q	Q	NP	N/A	09/04/86	Onsite	76.57	31.5	10	4	16.5-31.5
MW3	Q	Q	NP	N/A	09/04/86	Onsite	76.51	30.5	10	4	15.5-30.5
MW5	Q	Q	NP	N/A	09/16/90	Offsite	77.46	40	10	4	15-40
MW6	Q	Q	NP	N/A	09/16/90	Onsite	76.44	40	10	4	15-40
MW7	Q	Q	NP	N/A	01/20/92	Offsite	75.45	40	10	4	10-40
MW8	Q	Q	NP	N/A	01/20/92	Offsite	77.21	45	10	4	15-45
MW9	Q	Q	NP	N/A	12/07/93	Offsite	77.76	40	10	4	15-40
MW10	Q	Q	NP	N/A	12/06/93	Offsite	77.39	40	10	4	15-40
MW11	Q	Q	NP	N/A	12/07/93	Offsite	77.60	40	10	4	15-40
MW12	Q	Q	NP	N/A	12/07/93	Offsite	76.03	40	10	4	15-40
MW13	Q	Q	NP	N/A	12/08/93	Offsite	75.08	40	10	4	15-40
MW14	Q	Q	NP	N/A	12/07/93	Offsite	77.49	40	10	4	15-40
MW15	Q	Q	NP	N/A	01/16/95	Offsite	78.62	35	10	4	15-35
MW16	Q	Q	NP	N/A	12/27/94	Offsite	75.68	35	10	4	15-35
MW17	Q	Q	NP	N/A	12/30/94	Onsite	76.74	34	10	4	14-34
MW18	Q	Q	NP	N/A	01/09/96	Offsite	76.31	35	10	4	15-35
MW19	Q	Q	NP	N/A	08/31/00	Offsite	76.30	30	10	4	10-30

bgs Below ground surface.
LPH Liquid-phase hydrocarbons.
N/A Not applicable this quarter.
NP No purge.
P Purge.
Q Quarterly.
TOC Top of casing.

Note: Survey conducted by Cal Vada Surveying, Inc. on 4 December 2001. TOC elevation data OCS GPS Point 1531 and NAVD88 vertical datum elevation.

TABLE 2 CURRENT GROUNDWATER MONITORING DATA - FOURTH QUARTER 2005,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC	Depth to Water (feet)	Elevation (feet)	LPH	Thickness (feet)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW1																		
MW1	SCREEN INTERVAL (feet bgs): 17.5 to 31.5																	
MW1	11/16/05	76.31	17.53	58.78	0.00	<50.0	-	<1.00	1.08	<1.00	-	2.27	<10.0	<1.00	<1.00	<1.00	-	-
MW2	SCREEN INTERVAL (feet bgs): 16.5 to 31.5																	
MW2	11/16/05	76.57	16.02	60.55	0.00	<50.0	-	<1.00	<1.00	<1.00	-	2.08	<10.0	<1.00	<1.00	<1.00	-	-
MW3	SCREEN INTERVAL (feet bgs): 15.5 to 30.5																	
MW3	11/16/05	76.51	16.49	60.02	0.00	<50.0	-	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-
MW5	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW5	11/16/05	77.46	20.06	57.40	0.00	83.8	-	<1.00	<1.00	<1.00	-	7.84	21.2	<1.00	<1.00	<1.00	-	-
MW6	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW6	11/16/05	76.44	12.17	64.27	0.00	<50.0	-	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-
MW7	SCREEN INTERVAL (feet bgs): 10 to 40																	
MW7	11/16/05	75.45	17.61	57.84	0.00	15,000	-	1,890	761	2,480	458	<2.00	<10.0	<1.00	<1.00	<1.00	-	-
MW8	SCREEN INTERVAL (feet bgs): 15 to 45																	
MW8	11/16/05	77.21	19.35	57.86	0.00	<50.0	-	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-
MW9	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW9	11/16/05	77.76	19.51	58.25	0.00	<50.0	-	<1.00	<1.00	<1.00	-	<2.00	<10.0	<1.00	<1.00	<1.00	-	-
MW10	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW10	11/16/05	77.39	20.58	56.81	0.00	<50.0	-	<1.00	<1.00	<1.00	-	21.2	<10.0	<1.00	<1.00	<1.00	-	-
MW11	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW11	11/16/05	77.60	17.08	60.52	0.00	<50.0	-	<1.00	<1.00	<1.00	-	9.35	<10.0	<1.00	<1.00	<1.00	-	-

TABLE 2 CURRENT GROUNDWATER MONITORING DATA - FOURTH QUARTER 2005,
 EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
 1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Top of easing.	Liquid-phase hydrocarbons.	Total Petroleum Hydrocarbons as gasoline.
Bottom	Water	Water
Bottom	Oil	Oil

TABLE 2 CURRENT GROUNDWATER MONITORING DATA - FOURTH QUARTER 2005,
 EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HEI,
 1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Elevation (feet)	Depth to water (feet)	Ground- water Elevation (feet)	LPH (feet)	Thickness (feet)	TPH-g ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE ($\mu\text{g/l}$)	TBA ($\mu\text{g/l}$)	DIPE ($\mu\text{g/l}$)	ETBE ($\mu\text{g/l}$)	TAME ($\mu\text{g/l}$)	Ethanol ($\mu\text{g/l}$)	Methanol 8015B ($\mu\text{g/l}$)
TPH-d ^a	Total Petroleum Hydrocarbons as diesel.																		
MTBE ^b	Methyl tertiary butyl ether.																		
TBA ^c	Tertiary butyl alcohol.																		
DIP ^d	Diisopropyl ether.																		
ETBE ^e	Ethyl tertiary butyl ether.																		
TAME ^f	Tertiary amyl methyl ether.																		
Notes:																			
BS	Below ground surface.																		
µg/l	Micrograms per liter.																		
-	Not sampled or not analyzed.																		
#	Adjusted elevation for product thickness.																		

Note:
 Survey conducted by Cal Vada Surveying, Inc. on 4 December 2001. TOC elevation data OCS GPS Point 1531 and NAVD88 vertical datum elevation.

References:

- (i) Jon B. Marshack, August 2000, A Compilation of Water Quality Goals, California Environmental Protection Agency - Regional Water Quality Control Board.

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Elevation (feet)	Water (feet)	Thickness (feet)	LPH	TPH-g (µg/l)	TRPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE 8021B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	TAME 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
SCREEN INTERVAL (feet bgs): 17.5 to 31.5																			
MW1	09/17/90	a	—	27.60	—	0.00	400	—	95	1.4	ND	ND	—	—	—	—	—	—	—
MW1	01/04/91	a	74.69	27.78	46.91	0.00	—	—	80	1.4	0.9	1.5	—	—	—	—	—	—	—
MW1	06/17/93	a	74.07	24.05	50.02	0.00	480	24	110	1.6	6	ND	—	—	—	—	—	—	—
MW1	09/14/93	a	74.07	24.56	49.51	0.00	74	—	17	ND	ND	ND	—	—	—	—	—	—	—
MW1	12/15/93	a	74.07	23.70	50.37	0.00	640	ND	7.7	1.5	ND	ND	—	—	—	—	—	—	—
MW1	03/30/94	a	74.07	22.71	51.36	0.00	450	ND	160	0.94	1.7	2.5	—	—	—	—	—	—	—
MW1	06/13/94	a	74.07	23.57	50.50	0.00	530	1.1	9.2	ND	ND	ND	—	—	—	—	—	—	—
MW1	09/01/94	a	74.07	23.91	50.16	0.00	1,600	ND	91	15	2.5	30	—	—	—	—	—	—	—
MW1	12/02/94	a	74.07	24.22	49.85	0.00	1,500	ND	120	3	29	ND	—	—	—	—	—	—	—
MW1	02/21/95	a	74.07	22.19	51.88	0.00	2,900	2.3	15	ND	ND	20	—	—	—	—	—	—	—
MW1	03/15/95	a	74.07	19.09	54.98	0.00	2,500	1.2	27	31	ND	28	—	—	—	—	—	—	—
MW1	05/15/95	a	74.07	20.13	53.94	0.00	2,600	1	86	74	7.2	130	—	—	—	—	—	—	—
MW1	09/28/95	a	74.07	20.73	53.35	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	10/18/95	a	74.07	20.64	53.44	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	07/11/96	a	74.07	20.40	53.67	Trace	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	10/08/96	a	74.07	19.39	54.68	Trace	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	01/08/97	a	74.07	19.35	54.72	Trace	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	04/30/97	a	74.07	19.85	54.74	0.70	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	07/24/97	a	74.07	19.35	54.79	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	10/24/97	a	74.07	20.00	54.13	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	01/21/98	a	74.07	19.05	55.03	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	04/20/98	a	74.07	15.50	59.47	1.20	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	06/01/98	a	74.07	16.86	58.12	1.21	53,000	—	1,400	5,400	1,200	—	—	—	—	—	—	—	—
MW1	06/01/98	a	—	—	—	—	54,000	—	1,900	4,700	850	4,200	—	—	—	—	—	—	—
MW1	09/29/98	a	74.07	17.76	56.32	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	12/16/98	a	74.07	18.31	55.77	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	03/11/99	a	74.07	18.55	55.52	0.00	34,000	—	1,600	2,400	990	3,100	—	—	—	—	—	—	—
MW1	06/21/99	a	74.07	17.85	56.22	0.00	44,000	—	1,300	3,100	900	3,800	—	—	—	—	—	—	—
MW1	09/17/99	a	74.07	18.45	55.62	0.00	20,000	—	ND	1,100	550	1,700	—	—	—	—	—	—	—
MW1	12/22/99	a	74.07	18.85	55.23	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	03/02/00	a	74.07	19.50	54.57	0.00	15,000	—	280	440	400	1,100	—	—	—	—	—	—	—
MW1	06/21/00	a	74.07	18.81	55.26	0.00	19,000	—	400	1,600	580	2,500	—	—	—	—	—	—	—
MW1	09/12/00	a	70.60	19.71	50.90	0.01	—	—	—	—	—	—	—	—	—	—	66	ND<20	ND<1.0
MW1	12/13/00	a	70.60	20.34	50.27	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	02/21/01	a	70.06	20.30	49.77	0.91	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	05/21/01	a	70.60	18.58	52.02	0.00	2,800	—	230	28	49	70	—	—	—	—	—	—	—
MW1	08/01/01	a	70.60	19.51	51.13	0.06	—	—	—	—	—	—	—	—	—	—	650	1,500	ND<40
MW1	10/31/01	a	70.60	20.29	50.36	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—
MW1	02/25/02	a	76.31	21.02	55.29	0.00	4,000	—	350	52	110	107	—	—	—	—	—	—	—
MW1	05/29/02	a	76.31	21.35	54.96	0.00	22,200	—	882	1630	706	2,310	—	—	—	—	1,300	2,900	ND<10
MW1	08/26/02	a	76.31	21.54	54.77	0.00	14,800	—	512	1,470	926	2,700	—	—	—	—	2,040	1,600	ND<10
MW1	11/25/02	a	76.31	21.92	54.39	0.00	11,200	—	285	385	720	1,010	—	—	—	—	1,310	1,280	ND<1.00
MW1												715	—	—	—	—	—	—	ND<1.0

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Depth to Water (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	TBA (µg/l)	ETBE (µg/l)	DPE (µg/l)	Ethanol (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW1	02/19/03 a	76.31	21.00	55.31	0.00	11,000	-	ND<1.00	298	1,420	-	619	620	ND<1.00	ND<1.00	-	ND<1,000	ND<10,000	
MW1	05/07/03 a	76.31	18.50	57.81	0.00	14,200	-	155	1,140	368	2,210	-	24.1	ND>10.0	ND<1.00	ND<1.00	-	-	
MW1	08/05/03 a	76.31	19.45	56.86	0.00	7,480	-	15.1	103	64.7	498	-	14.5	86	ND<1.00	ND<1.00	-	-	
MW1	11/04/03 a	76.31	19.64	56.67	0.00	2,340	-	23.5	67.6	74.5	346	-	10.9	ND<10.0	ND<1.00	ND<1.00	-	-	
MW1	02/04/04 a	76.31	19.09	57.22	0.00	25,000	-	42	320	220	1,600	-	ND<20	ND>200	ND<40	ND<40	-	ND<2,000	ND<100
MW1	05/07/04 a	76.31	19.48	56.83	0.00	26,700	-	11.9	61.3	152	2,050	-	5.8	27.4	ND<1.00	ND<1.00	-	-	
MW1	08/02/04 a	76.31	20.90	55.41	0.00	4,740	-	32.5	18.1	43.6	102	-	11.5	ND<10.0	ND<1.00	ND<1.00	-	-	
MW1	11/08/04 a	76.31	19.83	56.48	0.00	3,990	-	19.2	21.8	44.9	84	-	5.6	25	ND<1.00	ND<1.00	-	-	
MW1	02/09/05 a	76.31	17.32	58.99	0.00	427	-	15.4	8.7	13.3	20.2	-	4.1	34.6	ND<1.00	ND<1.00	-	ND<200	ND<10,000
MW1	05/18/05	76.31	16.02	60.29	0.00	158	-	4.40	<1.00	4.00	3.40	-	2.70	<10.0	<1.00	<1.00	-	-	
MW1	08/23/05	76.31	16.85	59.46	0.00	<50.0	-	<1.00	<1.00	<1.00	2.96	-	70.3	<1.00	<1.00	<1.00	-	-	
MW1	11/16/05	76.31	17.53	58.78	0.00	<50.0	-	<1.00	<1.00	1.08	<1.00	-	2.27	<10.0	<1.00	<1.00	-	-	
MW2 SCREEN INTERVAL (feet bgs): 16.5 to 31.5																			
MW2	09/17/90 a	-	25.60	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	01/04/91 a	74.83	25.10	49.73	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	02/25/93 a	74.83	22.74	52.09	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	06/17/93 a	74.34	21.57	52.77	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	09/14/93 a	74.34	22.77	51.57	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	12/15/93 a	74.37	22.90	51.47	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	03/29/94 a	74.37	20.99	53.38	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	03/30/94 a	74.37	-	-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	06/13/94 a	74.37	21.37	53.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	09/01/94 a	74.37	22.25	52.12	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	12/02/94 a	74.37	22.18	52.19	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	02/21/95 a	74.37	19.23	55.14	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	03/15/95 a	74.37	20.03	54.34	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	05/15/95 a	74.37	17.82	56.55	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	09/28/95 a	74.37	18.44	55.93	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	10/18/95 a	74.37	18.49	55.88	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	04/16/96 a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	04/16/96 a	74.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	07/11/96 a	74.37	18.26	56.11	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	01/08/97 a	74.37	16.78	57.59	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	04/30/97 a	74.37	17.25	57.12	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	07/24/97 a	74.37	16.33	58.04	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	10/24/97 a	74.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	01/21/98 a	74.37	16.73	57.64	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	04/20/98 a	74.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	09/28/98 a	74.37	15.07	59.30	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	12/16/98 a	74.37	15.45	58.92	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	03/11/99 a	74.37	16.05	58.32	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW2	06/21/99 a	74.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-s (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE 8021B (µg/l)	TBA 8260B (µg/l)	DPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
MW2	09/17/99 a	74.37	16.29	58.08	0.00	60	—	1.6	4.8	5	41	—	—	—	—	—	—
MW2	12/21/99 a	74.37	—	—	—	—	—	ND<50	ND<0.30	ND<0.30	—	—	—	—	—	—	—
MW2	03/02/00 a	74.37	16.31	58.06	0.00	—	—	—	—	—	—	—	—	—	—	—	—
MW2	06/21/00 a	74.37	—	—	—	—	—	ND<50	—	—	—	—	—	—	—	—	—
MW2	09/12/00 a	70.90	17.75	53.15	0.00	ND<50	—	ND<1.0	ND<1.0	ND<1.0	—	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<1.0	—
MW2	12/13/00 a	70.90	18.60	52.30	0.00	—	—	—	ND<1	ND<1	—	—	—	—	—	—	—
MW2	02/21/01 a	70.90	17.75	53.15	0.00	ND<50	—	ND<0.5	ND<1.0	ND<1	—	33	ND<20	ND<1	ND<1	—	—
MW2	05/21/01 a	70.90	16.24	54.66	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1	—	74	ND<50	ND<2.0	ND<2.0	ND<100	170
MW2	08/01/01 a	70.90	17.41	53.49	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1	—	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100	ND<100
MW2	10/31/01 a	70.90	18.52	52.38	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1	—	2.3	ND<50	ND<2.0	ND<2.0	ND<100	ND<100
MW2	02/25/02 a	76.57	18.68	57.89	0.00	ND<100	—	ND<0.50	ND<1.0	ND<1	—	56	ND<50	ND<2.0	ND<2.0	ND<100	ND<100
MW2	05/29/02 a	76.57	19.02	57.55	0.00	ND<50	—	ND<1.0	ND<1.0	ND<1	—	ND<2.0	ND<10	ND<1.0	ND<1.0	ND<100	ND<100
MW2	08/26/02 a	76.57	19.11	57.46	0.00	ND<10	—	ND<1.00	ND<1.00	ND<1	—	ND<2.0	ND<10	ND<1.0	ND<1.0	ND<1.0	—
MW2	11/25/02 a	76.57	19.31	57.26	0.00	ND<50	—	ND<1.0	ND<1.0	ND<1	—	ND<2.0	ND<10	ND<1.00	ND<1.00	ND<1.00	—
MW2	02/19/03 a	76.57	18.49	58.08	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0	—
MW2	05/07/03 a	76.57	15.66	60.91	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	49.1	279	ND<1.00	ND<1.00	ND<1.00	ND<1,000 ND<10,000
MW2	08/05/03 a	76.57	17.76	58.81	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	43.5	953	ND<1.00	ND<1.00	ND<1.00	ND<1,000 ND<10,000
MW2	11/04/03 a	76.57	18.45	58.12	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	21.8	11.6	ND<1.00	ND<1.00	ND<1.00	—
MW2	02/04/04 a	76.57	17.50	59.07	0.00	ND<100	—	ND<1.0	ND<1.0	ND<1	—	21.3	47.3	ND<1.00	ND<1.00	ND<1.00	—
MW2	05/07/04 a	76.57	18.58	57.99	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	56	1,200	ND<2.0	ND<2.0	ND<100	ND<100
MW2	08/02/04 a	76.57	19.31	57.26	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	58	277	ND<1.00	ND<1.00	ND<1.00	ND<100
MW2	11/08/04 a	76.57	17.96	58.61	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	11.5	38.4	ND<1.00	ND<1.00	ND<1.00	ND<1,000 ND<10,000
MW2	02/09/05 a	76.57	16.60	59.97	0.00	ND<50	—	ND<1.00	ND<1.00	ND<1	—	ND<2.00	ND<10	ND<1.00	ND<1.00	ND<1.00	—
MW2	05/18/05	76.57	14.84	61.73	0.00	<50.0	—	<1.00	<1.00	<1	—	4.4	ND<10	ND<1.00	ND<1.00	ND<1.00	ND<200 ND<10,000
MW2	08/23/05	76.57	15.05	61.52	0.00	<50.0	—	<1.00	<1.00	<1	—	3.60	<10.0	<1.00	<1.00	<1.00	ND<200 ND<10,000
MW2	11/16/05	76.57	16.02	60.55	0.00	<50.0	—	<1.00	<1.00	<1	—	2.27	<10.0	<1.00	<1.00	<1.00	—
MW3	SCREEN INTERVAL (feet bgs): 15.5 to 30.5																
MW3	09/17/90 a	—	26.85	—	0.00	1,300	—	—	21	9.1	1.4	20	—	—	—	—	—
MW3	01/04/91 a	74.53	27.35	47.18	0.00	—	—	—	35	3.3	22	2.1	—	—	—	—	—
MW3	02/25/93 a	74.53	22.41	52.12	0.00	1,300	ND	90	31	34	80	—	—	—	—	—	—
MW3	06/17/93 a	74.29	21.29	53.00	0.00	16,000	37	67	830	420	1,800	—	—	—	—	—	—
MW3	09/14/93 a	74.29	21.82	52.47	0.00	15,000	5.8	88	630	330	1,200	—	—	—	—	—	—
MW3	12/15/93 a	74.29	22.55	51.74	0.00	4,700	8	110	120	410	1,900	—	—	—	—	—	—
MW3	03/30/94 a	74.29	21.35	52.94	0.00	7,000	4.7	13	1,000	230	490	—	—	—	—	—	—
MW3	06/13/94 a	74.29	20.89	53.40	0.00	2,600	2.3	88	91	110	130	—	—	—	—	—	—
MW3	09/01/94 a	74.29	21.46	52.83	0.00	2,700	1.6	62	81	18	200	—	—	—	—	—	—
MW3	12/02/94 a	74.29	21.93	52.36	0.00	2,800	2	26	8.8	77	100	—	—	—	—	—	—
MW3	02/21/95 a	74.29	19.33	54.96	0.00	5,800	2.2	72	ND	300	120	—	—	—	—	—	—
MW3	03/15/95 a	74.29	20.18	54.11	0.00	2,600	ND	17	ND	73	84	—	—	—	—	—	—
MW3	05/15/95 a	74.29	17.82	56.47	0.00	7,000	3.2	36	12	100	150	—	—	—	—	—	—
MW3	09/28/95 a	74.29	18.16	56.13	0.00	2,400	3.6	6.2	ND	ND	5.5	—	—	—	—	—	—
MW3	10/18/95 a	—	—	—	—	ND	—	3,700	2.8	13	22	5.1	19	—	—	—	—

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TBA 8260B (µg/l)	DPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
MW3	04/16/96 a	74.29	—	—	1,200	ND	6.3	2.1	ND	1.8	43	—	—	—	—	—	—
MW3	07/11/96 a	74.29	17.50	56.79	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3	10/08/96 a	74.29	18.12	56.17	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3	01/08/97 a	74.29	16.78	57.51	0.00	93	—	0.94	ND	0.59	0.41	4.5	ND	—	—	—	—
MW3	04/30/97 a	74.29	16.67	57.62	0.00	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3	07/24/97 a	74.29	17.46	56.83	0.00	ND	—	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3	10/24/97 a	74.29	18.10	56.19	0.00	130	—	1	0.54	2.3	0.71	530	—	—	—	—	—
MW2	01/21/98 a	74.29	17.01	57.28	0.00	700	—	8.9	4	29	7.2	280	—	—	—	—	—
MW3	04/20/98 a	74.29	12.64	61.65	0.00	510	—	3.3	1.5	17	14	95	—	—	—	—	—
MW3	09/28/98 a	74.29	14.50	59.79	0.00	ND	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW3	12/16/98 a	74.29	15.22	59.07	0.00	ND	—	5	2.1	2.5	ND	62.6	—	—	—	—	—
MW3	03/11/99 a	74.29	15.55	58.74	0.00	600	—	3.2	0.9	ND	ND	640	—	—	—	—	—
MW3	06/21/99 a	74.29	15.67	58.62	0.00	160	—	4	5.9	2.1	6.6	100	—	—	—	—	—
MW3	09/17/99 a	74.29	16.00	58.29	0.00	310	—	1	ND	0.5	0.8	330	—	—	—	—	—
MW3	12/22/99 a	74.29	16.54	57.75	0.00	220	—	3.3	2.7	5.9	290	—	—	—	—	—	—
MW3	03/02/00 a	74.29	16.68	57.61	0.00	130	—	1.1	0.44	0.74	0.76	160	—	—	—	—	—
MW3	06/21/00 a	74.29	16.80	57.49	0.00	84	—	ND<0.30	ND<0.30	ND<0.30	ND<0.60	120	ND>20	ND<1.0	ND<1.0	ND<200	ND<200
MW3	09/12/00 a	70.84	17.80	53.04	0.00	61	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	83	ND>20	ND<1.0	ND<1.0	—	—
MW3	12/13/00 a	70.84	17.91	52.93	0.00	91	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	140	ND>20	ND<1.0	ND<1.0	—	—
MW3	02/21/01 a	70.84	18.80	52.04	0.00	ND<50	—	ND<1	ND<1	ND<1	ND<1	ND<5	ND>20	ND<1	ND<1	—	—
MW3	05/21/01 a	70.84	16.16	54.68	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	23	ND>50	ND<2.0	ND<2.0	ND<100	ND<100
MW3	08/01/01 a	70.84	16.71	54.13	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND>20	ND<2.0	ND<2.0	ND<100	ND<100
MW3	10/31/01 a	70.84	17.50	53.34	0.00	ND<100	—	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND>50	ND<2.0	ND<2.0	ND<100	ND<100
MW3	02/25/02 a	76.51	18.40	58.11	0.00	250	—	ND<2.5	ND<5.0	ND<5.0	ND<10	660	ND>250	ND<10	ND<10	ND<100	ND<100
MW3	05/29/02 a	76.51	18.57	57.94	0.00	ND<50	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0	ND<1.0	ND<100	ND<100
MW3	08/26/02 a	76.51	18.30	58.21	0.00	ND<100	—	ND<1.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	11/25/02 a	76.51	18.28	58.23	0.00	ND<50.0	—	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND>2.0	ND<1.0	ND<1.0	ND<1.00	ND<1.00
MW3	02/19/03 a	76.51	17.89	58.62	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	05/07/03 a	76.51	17.59	58.92	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	4.3	—	ND<2.00	ND<1.00	ND<1.00	ND<1.00
MW3	08/05/03 a	76.51	16.91	59.60	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	11/04/03 a	76.51	17.94	58.57	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	02/04/04 a	76.51	17.44	59.07	0.00	ND<100	—	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<100
MW3	05/07/04 a	76.51	17.62	58.89	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
MW3	08/02/04 a	76.51	18.81	57.70	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.0	ND<1.00	ND<1.0	ND<1.0	ND<1.0
MW3	11/08/04 a	76.51	17.82	58.69	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	02/09/05 a	76.51	16.35	60.16	0.00	ND<50.0	—	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND>2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW3	05/18/05 a	76.51	19.45	57.06	0.00	<50.0	—	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	<1.00
MW3	08/23/05 a	76.51	15.64	60.87	0.00	<50.0	—	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	<1.00
MW3	11/16/05 b	76.51	60.02	0.00	<50.0	—	<1.00	<1.00	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00
MW4	SCREEN INTERVAL (feet bgs): 15 to 40	—	—	—	0.00	35000	—	13000	—	13000	ND	740	ND	ND	ND	ND	ND
MW4	09/17/90 a	—	25.20	—	0.00	—	—	8200	—	8200	ND	540	ND	ND	ND	ND	ND
MW4	01/04/91 a	75.66	28.86	46.80	0.00	—	—	5700	1.6	3500	50	ND	ND	ND	ND	ND	ND
MW4	02/25/93 a	75.66	24.41	51.25	0.00	—	—	—	—	—	—	—	—	—	—	—	—

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HEI,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	ETBE (µg/l)	DPE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW4	06/17/93 a	75.14	22.00	53.14	0.00	51.00	1.9	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW4	09/14/93 a	75.14	22.65	52.49	0.00	1700	9.5	360	8.5	ND	ND	ND	ND	ND	ND	ND	ND
MWS	SCREEN INTERVAL (feet bgs): 15 to 40																
MWS	09/17/90 a	--	28.66	--	0.00	2,700	--	840	13	35	110	ND	ND	ND	ND	ND	ND
MWS	01/04/91 a	75.44	28.87	46.57	0.00	--	--	160	11	ND	ND	ND	ND	ND	ND	ND	ND
MWS	02/25/93 a	--	--	--	--	290	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
MWS	02/25/93 a	75.44	27.40	48.04	0.00	--	ND	110	2.9	ND	ND	ND	ND	ND	ND	ND	ND
MWS	06/17/93 a	75.20	25.60	49.60	0.00	250	0.79	63	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	09/14/93 a	75.20	26.07	49.13	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	12/15/93 a	75.21	25.98	49.23	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	03/29/94 a	75.21	25.15	50.06	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	06/13/94 a	75.21	24.85	50.36	0.00	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	09/01/94 a	75.21	25.31	49.90	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	12/02/94 a	75.21	25.48	49.73	0.00	86	ND	ND	3.4	4	0.62	3.7	ND	ND	ND	ND	ND
MWS	02/21/95 a	75.21	23.21	52.00	0.00	ND	ND	ND	ND	7.8	ND	ND	ND	ND	ND	ND	ND
MWS	03/15/95 a	75.21	23.14	52.07	0.00	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	ND
MWS	05/15/95 a	75.21	21.47	53.74	0.00	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND
MWS	09/28/95 a	75.21	22.05	53.16	0.00	61	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND
MWS	10/18/95 a	75.21	22.93	52.28	0.00	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND
MWS	04/16/96 a	75.21	--	--	56	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	07/11/96 a	75.21	21.30	53.91	0.00	160	--	ND	ND	47	ND	ND	ND	ND	ND	ND	ND
MWS	01/08/97 a	75.21	20.35	54.86	0.00	62	--	ND	ND	0.97	ND	ND	ND	ND	ND	ND	ND
MWS	04/30/97 a	75.21	19.67	55.54	0.00	80	--	ND	ND	10	ND	ND	ND	ND	ND	ND	ND
MWS	07/24/97 a	75.21	20.35	54.86	0.00	150	--	ND	ND	33	ND	ND	ND	ND	ND	ND	ND
MWS	10/24/97 a	75.21	21.03	54.18	0.00	95	--	ND	ND	32	ND	ND	ND	ND	ND	ND	ND
MWS	01/21/98 a	75.21	20.20	55.01	0.00	90	--	ND	ND	22	ND	ND	ND	ND	ND	ND	ND
MWS	04/20/98 a	75.21	15.91	59.30	0.00	290	--	ND	ND	23	ND	ND	ND	ND	ND	ND	ND
MWS	09/28/98 a	75.21	17.99	57.22	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	12/16/98 a	75.21	18.89	56.32	0.00	ND	ND	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND
MWS	03/11/99 a	75.21	--	--	--	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	ND
MWS	06/21/99 a	75.21	18.92	56.29	0.00	ND	ND	ND	ND	0.6	0.4	ND	ND	ND	ND	ND	ND
MWS	09/17/99 a	75.21	--	--	--	ND	ND	ND	ND	0.6	0.4	ND	ND	ND	ND	ND	ND
MWS	12/22/99 a	75.21	20.19	55.02	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	06/21/00 a	75.21	20.38	54.83	0.00	ND<50	--	ND<30	ND<30	ND<10	ND	ND<20	ND	ND	ND	ND	ND
MWS	09/12/00 a	71.71	21.22	50.49	0.00	--	--	ND<10	ND<10	ND<1.0	ND	ND<20	ND	ND	ND	ND	ND
MWS	12/13/00 a	71.71	21.76	49.95	0.00	ND<50	--	ND<10	ND<10	ND<1.0	ND	ND<20	ND	ND	ND	ND	ND
MWS	02/21/01 a	71.71	17.30	54.41	0.00	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	05/21/01 a	71.71	20.04	51.67	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND	ND<2.0	ND	ND	ND	ND	ND
MWS	08/01/01 a	71.71	20.94	50.77	0.00	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MWS	10/31/01 a	71.71	21.83	49.88	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND	ND<2.0	ND	ND	ND	ND	ND
MWS	02/25/02 a	77.46	22.35	55.11	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND	ND<2.0	ND	ND	ND	ND	ND
MWS	05/29/02 a	77.46	22.68	54.78	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND	ND<2.0	26	ND<1.0	ND<1.0	ND	ND
MWS	08/26/02 a	77.46	23.17	54.29	0.00	ND<100	--	ND<1.00	ND<1.00	ND<1.00	ND	ND<1.00	ND	ND	ND	ND	ND

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	ETBE (µg/l)	DPE (µg/l)	Ethanol (µg/l)	Methanol (µg/l)	
MW5	11/25/02 a	77.46	23.45	54.01	0.00	76.2	-	ND<1.00	ND<1.00	ND<1.00	-	17.7	ND<10.0	ND<1.00	-	-	
MW5	02/19/03 a	77.46	23.12	54.34	0.00	130	-	ND<1.00	ND<1.00	ND<1.00	-	42.2	22.4	-	-	ND<1,000	
MW5	05/07/03 a	77.46	21.70	55.76	0.00	113	-	9.7	5.2	1	-	58.4	20.2	-	-	ND<1,000	
MW5	08/05/03 a	77.46	22.44	55.02	0.00	150	-	ND<1.00	ND<1.00	ND<1.00	-	69.1	40.2	-	-	ND<1,000	
MW5	11/04/03 a	77.46	23.24	54.22	0.00	132	-	ND<1.00	ND<1.00	ND<1.00	-	62.7	34.5	-	-	-	
MW5	02/04/04 a	77.46	23.32	54.14	0.00	ND<100	-	ND<0.50	ND<1.0	ND<1.0	-	130	170	ND<2.0	-	ND<100	
MW5	05/07/04 a	77.46	22.91	54.55	0.00	219	-	ND<1.00	ND<1.00	ND<1.00	-	189	230	ND<1.00	-	ND<100	
MW5	08/02/04 a	77.46	23.62	53.84	0.00	134	-	ND<1.00	ND<1.00	ND<1.00	-	53.4	71.2	ND<1.00	-	-	
MW5	11/08/04 a	77.46	22.37	55.09	0.00	95.6	-	ND<1.00	ND<1.00	ND<1.00	-	42.5	27.1	ND<1.00	-	-	
MW5	02/09/05 a	77.46	20.44	57.02	0.00	107	-	15	ND<1.00	ND<1.00	ND<1.00	-	35.2	70.6	ND<1.00	-	-
MW5	05/18/05	77.46	18.74	58.72	0.00	57.8	-	<1.00	<1.00	<1.00	-	34.4	36.9	<1.00	<1.00	-	
MW5	08/23/05	77.46	19.54	57.92	0.00	<50.0	-	<1.00	<1.00	<1.00	-	12.7	64.4	<1.00	<1.00	-	
MW5	11/16/05	77.46	20.06	57.40	0.00	83.8	-	<1.00	<1.00	<1.00	-	7.84	21.2	<1.00	<1.00	-	
MW6 SCREEN INTERVAL (feet bgs): 15 to 40																	
MW6	09/17/90 a	-	25.19	-	0.00	ND	-	-	-	-	12	1.6	1.2	4.3	-	-	
MW6	01/04/91 a	74.76	26.73	48.03	0.00	-	-	0.6	ND	ND	-	-	-	-	-	-	
MW6	02/25/93 a	74.76	22.71	52.05	0.00	970	ND	ND	ND	ND	22	-	-	-	-	-	
MW6	06/17/93 a	74.18	20.78	53.40	0.00	ND	20	ND	ND	ND	ND	-	-	-	-	-	
MW6	09/14/93 a	74.18	21.94	52.24	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	12/15/93 a	74.18	22.00	52.18	0.00	680	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	03/30/94 a	74.18	21.52	52.66	0.00	280	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	06/13/94 a	74.18	20.75	53.43	0.00	840	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	09/01/94 a	74.18	21.28	52.90	0.00	370	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	12/02/94 a	74.18	21.74	52.44	0.00	2200	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	02/21/95 a	74.18	19.93	54.25	0.00	520	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	03/15/95 a	74.18	19.87	54.31	0.00	590	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	05/15/95 a	74.18	17.15	57.03	0.00	130	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	09/28/95 a	74.18	16.83	57.35	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	10/18/95 a	74.18	17.23	56.95	0.00	-	-	-	-	-	-	-	-	-	-	-	
MW6	04/16/96 a	-	-	-	-	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	04/16/96 a	74.18	-	-	-	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW6	07/11/96 a	74.18	17.48	56.70	0.00	ND	-	ND	ND	ND	ND	-	-	-	-	-	
MW6	01/08/97 a	74.18	17.02	57.16	0.00	ND	-	ND	ND	ND	ND	-	-	-	-	-	
MW6	04/30/97 a	74.18	17.36	56.82	0.00	68	-	ND	ND	ND	ND	-	-	-	-	-	
MW6	07/24/97 a	74.18	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	
MW6	10/24/97 a	74.18	18.04	56.14	0.00	ND	-	ND	ND	ND	ND	-	-	-	-	-	
MW6	01/21/98 a	74.18	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	
MW6	04/20/98 a	74.18	10.94	63.24	0.00	190	-	ND	ND	ND	ND	-	-	-	-	-	
MW6	06/01/98 a	74.18	11.86	62.32	0.00	1,400	-	24	86	30	120	510	-	-	-	-	
MW6	06/01/98 a	-	-	-	-	1,500	-	1.6	23	15	100	71	-	-	-	-	
MW6	09/28/98 a	74.18	12.35	61.83	0.00	-	-	ND	ND	ND	ND	ND	-	-	-	-	
MW6	12/16/98 a	74.18	13.41	60.77	0.00	ND	-	ND	ND	ND	ND	ND	-	-	-	-	
MW6	03/11/99 a	74.18	14.66	59.52	0.00	1,500	-	ND	ND	ND	ND	ND	-	-	-	-	

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TAME 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 801.5B (µg/l)	Ethanol 8260B (µg/l)	Methanol 8015B (µg/l)
MW6	06/21/99 a	74.18	74.18	60.94	0.00	220	ND	ND	ND	410	--	--	--	--	--	--	--
MW6	09/17/99 a	74.18	14.48	59.70	0.00	360	--	ND	ND	500	--	--	--	--	--	--	--
MW6	12/22/99 a	74.18	12.45	61.73	0.00	ND	--	5.4	3.5	2.7	6.1	ND	--	--	--	--	--
MW6	03/02/00 a	74.18	13.17	61.01	0.00	59	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	73	--	--	--	--	--
MW6	06/21/00 a	74.18	13.58	60.60	0.00	ND>50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	10	9	ND<20	ND<1.0	ND<1.0	ND<200
MW6	09/12/00 a	70.74	15.15	55.59	0.00	57	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	86	ND<20	ND<1.0	ND<1.0	--
MW6	12/13/00 a	70.74	16.80	53.94	0.00	240	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	420	ND<21	ND<1.0	1	--
MW6	02/21/01 a	70.74	16.37	54.37	0.00	ND>50	--	ND<1	ND<1	ND<1	ND<1	--	26	ND<20	ND<1	ND<1	--
MW6	05/21/01 a	70.74	14.43	56.31	0.00	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	2.4	ND<50	ND<2.0	ND<2.0	ND<100
MW6	08/01/01 a	70.74	15.19	55.55	0.00	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	13	ND<50	ND<2.0	ND<2.0	ND<100
MW6	10/31/01 a	70.74	16.20	54.54	0.00	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	1.2	ND<50	ND<2.0	ND<2.0	ND<100
MW6	02/25/02 a	76.44	16.13	60.31	0.00	520	--	ND<0.50	ND<1.0	ND<1.0	ND<2.0	--	2600	280	--	--	ND<100
MW6	05/29/02 a	76.44	16.35	60.09	0.00	81.3	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	189	ND<10	ND<1.0	ND<1.0	--
MW6	08/26/02 a	76.44	15.05	61.39	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--
MW6	11/25/02 a	76.44	14.20	62.24	0.00	824	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	1,620	651	ND<1.00	ND<1.00	--
MW6	02/19/03 a	76.44	13.71	62.73	0.00	98.7	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	115	130	ND<1.00	ND<1.00	ND<1,000 ND<10,000
MW6	05/07/03 a	76.44	11.75	64.69	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--
MW6	08/05/03 a	76.44	13.98	62.46	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--
MW6	11/04/03 a	76.44	12.98	63.46	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW6	02/04/04 a	76.44	11.58	64.86	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	--	2.8	ND<10	ND<2.0	ND<2.0	ND<100
MW6	05/07/04 a	76.44	13.00	63.44	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--
MW6	08/02/04 a	76.44	16.96	59.48	0.00	ND>50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	7.4	ND<10.0	ND<1.00	ND<1.00	--
MW6	11/08/04 a	76.44	22.13	54.31	0.00	ND>50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	3.1	ND<10.0	ND<1.00	ND<1.00	--
MW6	02/09/05 a	76.44	12.71	63.73	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	ND>2.00	ND<10.0	ND<1.00	ND<1.00	--
MW6	05/18/05	76.44	11.71	64.73	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	--
MW6	08/23/05	76.44	12.01	64.43	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	--
MW6	11/16/05	76.44	12.17	64.27	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	--
MW7	SCREEN INTERVAL (feet bgs): 10 to 40										--	--	--	--	--	--	--
MW7	02/25/93 a	--	--	--	--	--	--	--	--	--	7,300	5,600	1,800	4,000	--	--	--
MW7	06/17/93 a	73.20	--	--	--	66,000	18	--	--	--	--	--	--	--	--	--	--
MW7	09/14/93 a	73.20	24.95	48.27	0.02	--	--	--	--	--	--	--	--	--	--	--	--
MW7	12/15/93 a	73.20	25.27	47.93	Trace	23,000	9.6	8,000	3,100	7,400	3,000	2,100	3,800	--	--	--	--
MW7	03/29/94 a	73.20	23.68	49.52	Trace	34,000	7.9	6,400	3,200	6,400	2,000	3,100	4,000	--	--	--	--
MW7	06/13/94 a	73.20	23.32	49.88	Trace	38,000	13	6,100	5.3	6,700	1,600	1,200	1,900	--	--	--	--
MW7	09/01/94 a	73.20	23.50	49.70	0.00	28,000	--	21,000	4.7	3,200	720	1,400	970	--	--	--	--
MW7	12/02/94 a	73.20	24.06	49.14	0.00	49,000	17	9,600	9,800	2,300	4,700	2,700	3,800	--	--	--	--
MW7	02/21/95 a	73.20	20.31	52.89	0.00	30,000	10	5,300	2,900	1,800	3,400	--	--	--	--	--	--
MW7	03/15/95 a	73.20	23.07	50.13	0.00	18,000	8.9	4,000	1,200	1,900	1,700	--	--	--	--	--	--
MW7	05/15/95 a	73.20	18.88	54.32	0.00	34,000	1	6,100	2,300	2,400	2,700	--	--	--	--	--	--
MW7	09/28/95 a	73.20	19.34	53.86	0.00	49,000	--	4,800	2,200	2,200	2,600	3,300	--	--	--	--	--
MW7	10/18/95 a	--	--	--	--	30,000	--	19	6,700	4,400	2,300	4,700	--	--	--	--	--
MW7	10/18/95 a	73.20	19.35	53.85	0.00	30,000	19	6,700	4,400	2,300	4,700	--	--	--	--	--	--
MW7	04/16/96 a	--	--	--	--	28,000	ND	2,100	1,500	2,600	1,900	--	--	--	--	--	--

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HEI,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Depth to Ground- water (feet)	TOC Elevation (feet)	Water Elevation (feet)	LPH Thickness (feet)	Toluene			Ethyl- benzene			MTBE			TAME			Ethanol 8260B		
				TPH-g (µg/l)	TPH-h (µg/l)	Benzene (µg/l)	TRPH (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TBA 8260B (µg/l)	DPE 8260B (µg/l)	ETBE 8260B (µg/l)	TAME 8260B (µg/l)	Ethanol 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
MW7	04/16/96 a	73.20	--	--	36,000	15,000	4,100	3,100	2,100	3,200	690	--	--	--	--	--	--	
MW7	07/11/96 a	73.20	19.24	53.96	0.00	32,000	--	2,600	1,400	1,800	2,400	2,100	--	--	--	--	--	--
MW7	07/08/96 a	73.20	19.32	53.88	0.00	60,000	--	7,500	8,500	2,000	4,900	--	--	--	--	--	--	--
MW7	01/08/97 a	73.20	--	--	--	17,000	--	1,200	210	1,700	2,000	--	320	--	--	--	--	--
MW7	04/30/97 a	73.20	17.23	55.97	0.00	26,000	--	42	150	1,600	1,700	--	300	--	--	--	--	--
MW7	07/24/97 a	73.20	17.78	55.42	0.00	21,000	--	2,200	360	1,900	930	ND	--	--	--	--	--	--
MW7	10/24/97 a	73.20	18.60	54.60	0.00	28,000	--	2,000	460	1,900	1,000	ND	--	--	--	--	--	--
MW7	01/21/98 a	73.20	17.83	55.37	0.00	29,000	--	1,600	770	1,700	1,200	ND	--	--	--	--	--	--
MW7	04/20/98 a	73.20	12.68	60.52	0.00	32,900	--	1,600	820	2,080	1,420	267	--	--	--	--	--	--
MW7	09/28/98 a	73.20	15.33	57.87	0.00	71,200	--	5,040	4,160	5,820	5,760	474	--	--	--	--	--	--
MW7	12/16/98 a	73.20	16.31	56.89	0.00	31,000	--	2,200	540	2,000	920	ND	--	--	--	--	--	--
MW7	03/11/99 a	73.20	6.67	56.53	0.00	33,000	--	1,600	900	1,900	1,400	ND	--	--	--	--	--	--
MW7	06/21/99 a	73.20	16.53	56.67	0.00	32,000	--	2,000	970	2,000	1,500	ND	--	--	--	--	--	--
MW7	09/17/99 a	73.20	17.20	56.00	0.00	30,000	--	1,800	990	2,100	1,600	ND	--	--	--	--	--	--
MW7	12/22/99 a	73.20	17.16	56.04	0.00	7,500	--	95	37	370	280	ND<100	--	--	--	--	--	--
MW7	03/02/00 a	73.20	17.34	55.86	0.00	25,000	--	1,900	1,000	2,100	1,200	ND<500	ND<20	ND<1,0	ND<1,0	ND<200	--	ND<200
MW7	06/21/00 a	73.20	17.57	55.63	0.00	18,000	--	780	390	1,600	360	--	ND<50	ND<40	ND<2,0	ND<2,0	--	--
MW7	09/12/00 a	69.79	17.35	52.44	0.00	18,000	--	1,000	580	1,800	640	--	ND<50	ND<50	ND<3,0	ND<3,0	--	--
MW7	12/13/00 a	69.79	19.20	50.59	0.00	28,000	--	910	430	2,000	720	--	ND<5	ND<40	ND<2,0	ND<2,0	--	--
MW7	02/21/01 a	69.79	18.80	50.93	0.00	11,000	--	490	180	1,300	167	--	ND<20	ND<1,000	ND<40	ND<40	ND<100	ND<100
MW7	05/21/01 a	69.79	17.30	52.49	0.00	29,000	--	850	510	1,700	560	--	ND<20	ND<1,000	ND<40	ND<40	ND<100	ND<100
MW7	08/01/01 a	69.79	18.06	51.73	0.00	19,000	--	890	460	1,600	410	--	ND<10	ND<500	ND<20	ND<20	ND<100	ND<100
MW7	10/31/01 a	69.79	19.00	50.79	0.00	1,200	--	460	2,000	500	--	ND<20	ND<1,000	ND<40	ND<40	ND<100	ND<100	ND<100
MW7	02/25/02 a	75.45	19.70	55.75	0.00	19,000	--	1,160	836	1,670	904	--	ND<20	ND<100	ND<10	ND<10	ND<10	ND<10
MW7	05/29/02 a	75.45	19.49	55.96	0.00	23,200	--	1,200	935	1,770	1,200	--	ND<20	ND<100	ND<10	ND<10	ND<10	ND<10
MW7	08/05/03 a	75.45	18.04	57.41	0.00	47,500	--	1,020	644	1,990	1,190	--	ND<2,00	ND<10,000	ND<1,00	ND<1,00	ND<1,00	ND<1,00
MW7	11/04/03 a	75.45	19.08	56.37	0.00	15,800	--	1,440	877	2,200	886	--	ND<20,0	ND<100	ND<10,00	ND<10,00	ND<1,000	ND<1,000
MW7	02/04/04 a	75.45	19.78	55.67	0.00	25,000	--	350	95	1,700	720	--	ND<10	ND<100	ND<20	ND<20	ND<1,000	ND<1,000
MW7	05/07/03 a	75.45	18.16	57.29	0.00	14,500	--	696	414	2,350	840	--	ND<2,00	ND<10,0	1,5	ND<1,00	ND<1,00	ND<1,00
MW7	05/07/04 a	75.45	17.69	57.76	0.00	20,600	--	628	251	1,200	523	--	ND<2,00	ND<10,0	1,6	ND<1,00	ND<1,00	ND<1,00
MW7	08/02/04 a	75.45	19.49	55.96	0.00	25,300	--	950	418	1,870	501	--	5.1	ND<10,0	4.9	ND<1,00	ND<1,00	ND<1,00
MW7	11/08/04 a	75.45	18.23	57.22	0.00	23,500	--	746	422	2,120	472	--	ND<2,00	19.4	1.6	ND<1,00	ND<1,00	ND<1,00
MW7	02/09/05 a	75.45	17.01	58.44	0.00	16,500	--	1,340	970	2,190	645	--	2.3	50.5	1.2	ND<1,00	ND<1,00	ND<1,00
MW7	05/18/05 a	75.45	15.51	59.94	0.00	14,600	--	1,800	792	2,260	410	--	<2.00	<10.0	1.20	<1.00	<1.00	<1.00
MW7	08/23/05 a	75.45	16.67	58.78	0.00	14,000	--	2,020	684	1,930	362	--	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00
MW7	11/16/05 a	75.45	17.61	57.84	0.00	15,000	--	1,890	761	2,480	458	--	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (mg/l)	Groundwater Elevation (feet)	LPH Water Thickness (feet)	TPH-g (µg/l)	TPH-e (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	ETBE 8260B (µg/l)	TAME 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)	
MW8	12/15/93 a	74.92	25.21	49.71	0.00	2,100	ND	960	26	50	130	-	-	-	-	-	
MW8	03/29/94 a	74.92	24.48	50.44	0.00	1,000	ND	590	76	18	-	-	-	-	-	-	
MW8	06/13/94 a	74.92	24.03	50.89	0.00	4,700	ND	2,500	27	55	55	-	-	-	-	-	
MW8	09/01/94 a	74.92	24.50	50.42	0.00	5,500	ND	50	ND	ND	ND	-	-	-	-	-	
MW8	12/02/94 a	74.92	24.60	50.32	0.00	7,300	ND	1,900	32	60	ND	-	-	-	-	-	
MW8	02/21/95 a	74.92	22.41	52.51	0.00	4,800	ND	3,300	34	110	64	-	-	-	-	-	
MW8	03/15/95 a	74.92	22.36	52.56	0.00	4,700	ND	2,700	35	110	66	-	-	-	-	-	
MW8	05/15/95 a	74.92	20.45	54.47	0.00	3,800	1	2,100	34	92	78	-	-	-	-	-	
MW8	09/28/95 a	74.92	21.00	53.92	0.00	4,200	1.5	1,600	ND	39	ND	-	-	-	-	-	
MW8	10/18/95 a	--	--	--	ND	--	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	10/18/95 a	74.92	21.01	53.91	0.00	2,700	ND	1,300	ND	32	ND	-	-	-	-	-	
MW8	04/16/96 a	74.92	--	--	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	04/16/96 a	--	--	--	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	07/11/96 a	74.92	20.30	54.62	0.00	1,200	ND	72	ND	ND	ND	-	-	-	-	-	
MW8	10/08/96 a	74.92	20.48	54.44	0.00	290	ND	7.1	ND	ND	ND	-	-	-	-	-	
MW8	01/08/97 a	74.92	19.20	55.72	0.00	ND	ND	15	ND	ND	ND	-	-	-	-	-	
MW8	04/30/97 a	74.92	18.32	56.60	0.00	ND	ND	0.59	ND	ND	ND	-	-	-	-	-	
MW8	07/24/97 a	74.92	18.80	56.12	0.00	ND	ND	0.87	ND	ND	ND	-	-	-	-	-	
MW8	10/24/97 a	74.92	19.34	55.58	0.00	ND	ND	1.2	ND	ND	ND	-	-	-	-	-	
MW8	01/21/98 a	74.92	18.90	55.02	0.00	ND	ND	0.7	ND	ND	ND	-	-	-	-	-	
MW8	04/20/98 a	74.92	15.17	59.75	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	09/28/98 a	74.92	17.00	57.92	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	12/16/98 a	74.92	17.54	57.38	0.00	ND	ND	1.7	ND	ND	ND	-	-	-	-	-	
MW8	03/11/99 a	74.92	18.10	56.82	0.00	ND	ND	1.5	ND	ND	ND	-	-	-	-	-	
MW8	06/21/99 a	74.92	--	--	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	09/17/99 a	74.92	18.42	56.50	0.00	ND	ND	2.2	ND	0.7	ND	-	-	-	-	-	
MW8	12/22/99 a	74.92	--	--	ND	ND	1.3	ND<0.30	ND<0.30	ND<0.60	ND<10	-	-	-	-	-	
MW8	03/02/00 a	74.92	19.16	55.76	0.00	ND<50	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<20	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
MW8	06/21/00 a	74.92	--	--	ND	ND	ND	ND	ND	ND	ND	-	-	-	-	-	
MW8	09/12/00 a	71.50	20.30	51.20	0.00	ND<50	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<1.0	
MW8	12/13/00 a	71.50	21.00	50.50	0.00	ND	ND	ND<1	ND<1	ND<1	ND<1	ND<5	ND<20	ND<1	ND<1	ND<1	
MW8	02/21/01 a	71.50	20.12	51.38	0.00	ND<50	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<50	ND<2.0	ND<2.0	ND<2.0	
MW8	05/21/01 a	71.50	19.30	52.20	0.00	ND<100	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<50	ND<2.0	ND<2.0	ND<2.0	
MW8	08/01/01 a	71.50	20.23	51.27	0.00	ND<100	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<1.0	ND<50	ND<2.0	ND<2.0	
MW8	10/31/01 a	71.50	21.14	50.36	0.00	ND<100	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<1.0	ND<50	ND<2.0	ND<2.0	
MW8	02/25/02 a	77.21	21.80	55.41	0.00	ND<100	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<1.0	ND<50	ND<2.0	ND<2.0	
MW8	05/29/02 a	77.21	22.15	55.06	0.00	ND<50	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1	ND<1.0	ND<50	ND<2.0	ND<2.0	
MW8	08/26/02 a	77.21	22.52	54.69	0.00	ND<50.0	ND	6.95	ND<1.00	ND<1.00	ND<1.0	ND<2.0	11.1	ND<1.0	ND<1.0	ND<1.0	
MW8	11/25/02 a	77.21	23.02	54.19	0.00	87.1	ND	33.9	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
MW8	02/19/03 a	77.21	22.83	54.38	0.00	94.3	ND	24.5	ND<1.00	ND<1.00	ND<1.00	ND<2.00	27.4	ND<1.00	ND<1.00	ND<1.00	
MW8	05/07/03 a	77.21	21.41	55.80	0.00	165	ND	31.5	3.4	ND<1.00	ND<1.00	4.4	ND<2.00	26.7	ND<1.00	ND<1.00	ND<1.00
MW8	08/05/03 a	77.21	21.98	55.23	0.00	158	ND	31.4	2.5	ND<1.00	ND<1.00	ND<2.00	46.2	ND<1.00	ND<1.00	ND<1.00	ND<1.00
MW8	11/04/03 a	77.21	22.78	54.43	0.00	168	ND	41.7	1.1	ND<1.00	ND<1.00	ND<2.00	ND<1.00	2.6	ND<1.00	ND<1.00	ND<1.00
MW8	02/04/04 a	77.21	22.86	54.35	0.00	180	ND	67	ND<1.0	ND<1.0	ND<1.0	120	ND<2.0	ND<2.0	ND<2.0	ND<100	

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Elevation (feet)	Water (feet)	Thickness (feet)	LPH (feet)	TPH-g (µg/l)	TPH-B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	TBA (µg/l)	ETBE (µg/l)	DPE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW8	05/07/04 a	77.21	22.40	54.81	0.00	389	-	91.9	1.6	ND<1.00	ND<1.00	-	ND<2.00	72.7	ND<1.00	ND<1.00	-	-	-	-
MW8	08/02/04 a	77.21	23.14	54.07	0.00	144	-	38.8	ND<1.00	ND<1.00	-	-	ND<2.00	40.5	ND<1.00	ND<1.00	-	-	-	-
MW8	11/08/04 a	77.21	21.49	55.72	0.00	672	-	198	2.6	ND<1.00	1.1	-	ND<2.00	55.1	ND<1.00	ND<1.00	-	-	-	-
MW8	02/09/05 a	77.21	20.10	57.11	0.00	203	-	67	ND<1.00	ND<1.00	-	-	ND<2.00	71.8	ND<1.00	ND<1.00	-	-	-	-
MW8	05/18/05	77.21	18.11	59.10	0.00	50.1	-	3.40	<1.00	<1.00	-	-	<2.00	31.8	<1.00	<1.00	-	-	-	-
MW8	08/23/05	77.21	18.72	58.49	0.00	<50.0	-	1.02	<1.00	<1.00	-	-	<2.00	<10.0	<1.00	<1.00	-	-	-	-
MW8	11/16/05	77.21	19.35	57.86	0.00	<50.0	-	<1.00	<1.00	<1.00	-	-	<2.00	<10.0	<1.00	<1.00	-	-	-	-
MW9	SCREEN INTERVAL (feet bgs): 15 to 40										-								-	
MW9	12/15/93 a	--	26.57	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	03/29/94 a	75.49	25.76	49.73	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	06/13/94 a	75.49	25.35	50.14	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	09/01/94 a	75.49	25.77	49.72	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	12/02/94 a	75.49	25.99	49.50	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	02/21/95 a	75.49	23.30	52.19	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	03/15/95 a	75.49	23.23	52.26	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	05/15/95 a	75.49	21.55	53.94	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	09/28/95 a	75.49	22.32	53.17	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	10/18/95 a	75.49	22.34	53.15	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	04/16/96 a	--	--	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	04/16/96 a	75.49	--	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	07/11/96 a	75.49	--	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	07/11/96 a	75.49	20.62	54.87	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	01/08/97 a	75.49	19.77	55.72	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	04/20/97 a	75.49	17.83	57.66	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	07/24/97 a	75.49	17.15	58.34	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	10/24/97 a	75.49	17.34	58.15	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	01/21/98 a	75.49	18.40	57.09	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	04/20/98 a	75.49	12.70	62.79	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	09/28/98 a	75.49	12.88	62.61	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	12/16/98 a	75.49	14.84	60.65	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	03/11/99 a	75.49	--	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	06/21/99 a	75.49	17.49	58.00	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	09/17/99 a	75.49	--	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	12/22/99 a	75.49	19.82	55.67	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	06/21/00 a	75.49	20.05	55.44	0.00	ND<50	ND	ND<0.30	ND<0.30	ND<0.30	ND<0.60	ND<10	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<200
MW9	09/12/00 a	72.06	21.02	51.04	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	12/13/00 a	72.06	21.53	50.53	0.00	ND<50	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	02/21/01 a	72.06	21.21	50.85	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	05/21/01 a	72.06	19.66	52.40	0.00	ND<100	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	08/01/01 a	72.06	20.03	52.03	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	10/31/01 a	72.06	22.12	49.94	0.00	ND<100	ND	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	02/25/02 a	77.76	22.88	54.88	0.00	ND<100	ND	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	05/29/02 a	77.76	23.16	54.60	0.00	ND<50	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9	08/26/02 a	77.76	23.79	53.97	0.00	ND<50.0	ND	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	TBA (µg/l)	ETBE (µg/l)	DPE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)	
MW9	11/25/02 a	77.76	24.10	53.66	ND>50.0	ND>50.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10,000	
MW9	02/19/03 a	77.76	23.79	53.97	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<200	ND<10,000
MW9	05/07/03 a	77.76	23.40	55.36	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<200	ND<10,000
MW9	08/02/03 a	77.76	22.98	54.78	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<200	ND<10,000
MW9	11/04/03 a	77.76	23.82	53.94	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<200	ND<10,000
MW9	02/04/04 a	77.76	24.13	53.63	0.00	ND<100	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.00	ND<2.0	ND<100
MW9	05/07/04 a	77.76	23.53	54.23	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<100
MW9	08/02/04 a	77.76	24.04	53.72	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<10,000
MW9	11/08/04 a	77.76	22.77	54.99	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<10,000
MW9	02/09/05 a	77.76	19.67	58.09	0.00	ND>50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<10,000
MW9	05/18/05	77.76	15.51	62.25	0.00	<50.0	<50.0	<50.0	<50.0	<50.0	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW9	08/23/05	77.76	17.88	59.88	0.00	<50.0	<50.0	<50.0	<50.0	<50.0	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW9	11/16/05	77.76	19.51	58.25	0.00	<50.0	<50.0	<50.0	<50.0	<50.0	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW10 SCREEN INTERVAL (feet bgs): 15 to 40																			
MW10	12/15/93 a	—	26.27	—	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	03/29/94 a	75.12	25.46	49.66	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	06/13/94 a	75.12	25.24	49.88	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	09/01/94 a	75.12	25.60	49.52	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	12/02/94 a	75.12	25.84	49.28	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	02/21/95 a	75.12	23.60	51.52	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	03/15/95 a	75.12	23.45	51.67	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	05/15/95 a	75.12	21.80	53.32	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	09/28/95 a	75.12	22.40	52.72	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	10/18/95 a	—	—	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	10/18/95 a	75.12	22.35	52.77	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	04/16/96 a	—	—	—	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	07/11/96 a	75.12	22.00	53.12	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	10/08/96 a	75.12	21.94	53.18	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	01/08/97 a	75.12	20.65	54.47	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	04/30/97 a	75.12	19.50	55.62	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	07/24/97 a	75.12	20.65	54.47	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	10/24/97 a	75.12	21.39	53.73	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW10	01/21/98 a	75.12	20.46	54.66	0.00	120	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	04/20/98 a	75.12	15.93	59.19	0.00	150	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/29/98 a	75.12	18.79	56.33	0.00	180	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	12/22/99 a	75.12	19.25	55.87	0.00	190	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	03/11/99 a	75.12	19.65	55.47	0.00	160	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	06/21/99 a	75.12	19.15	55.97	0.00	170	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/17/99 a	75.12	19.70	55.42	0.00	180	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/29/98 a	75.12	18.79	56.33	0.00	190	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	12/16/98 a	75.12	19.25	55.87	0.00	160	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	03/11/99 a	75.12	19.65	55.47	0.00	170	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	06/21/99 a	75.12	19.15	55.97	0.00	150	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/17/99 a	75.12	19.70	55.42	0.00	190	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/29/98 a	75.12	18.79	56.33	0.00	160	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	12/22/99 a	75.12	20.46	54.66	0.00	170	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	03/02/00 a	75.12	20.10	55.02	0.00	120	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	06/21/00 a	75.12	20.41	54.71	0.00	140	—	—	—	—	—	—	—	—	—	—	—	—	
MW10	09/12/00 a	71.64	21.19	50.45	0.00	140	—	—	—	—	—	—	—	—	—	—	—	—	

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	Depth to Water (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TAME (µg/l)	ETBE (µg/l)	DPE (µg/l)	Ethanol (µg/l)	Methanol 8015B (µg/l)
MW10	1/21/300 a	71.64	21.80	49.84	0.00	110	--	ND<1.0	ND<1.0	200	ND<20	ND<1.0	ND<1.0	--	--	--	
MW10	02/21/01 a	71.64	20.60	51.04	0.00	110	--	ND<1	ND<1	150	ND<20	ND<1	ND<1	--	--	--	
MW10	05/21/01 a	71.64	20.18	51.46	0.00	ND<100	--	ND<1.0	ND<1.0	65	ND<50	ND<2.0	ND<2.0	--	--	ND<100	
MW10	08/01/01 a	71.64	21.00	50.64	0.00	ND<100	--	ND<1.0	ND<1.0	57	ND<50	ND<2.0	ND<2.0	--	--	ND<100	
MW10	10/31/01 a	71.64	21.87	49.77	0.00	ND<100	--	ND<0.5	ND<1.0	28	ND<50	ND<2.0	ND<2.0	--	--	ND<100	
MW10	02/25/02 a	77.39	22.40	54.99	0.00	ND<100	--	0.58	ND<1.0	20	ND<50	ND<2.0	ND<2.0	--	--	ND<100	
MW10	05/29/02 a	77.39	22.58	54.81	0.00	ND<50	--	ND<1.0	ND<1.0	64.1	ND<10	ND<1.0	ND<1.0	--	--	ND<100	
MW10	08/26/02 a	77.39	23.17	54.22	0.00	ND<50.0	--	ND<1.00	ND<1.00	37.7	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	11/25/02 a	77.39	23.52	53.87	0.00	ND<50.0	--	ND<1.00	ND<1.00	27	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	02/19/03 a	77.39	23.26	54.13	0.00	69.7	--	ND<1.00	ND<1.00	74.5	ND<10.0	ND<1.00	ND<1.00	--	--	ND<1,000 ND<10,000	
MW10	05/07/03 a	77.39	22.06	55.33	0.00	ND<50.0	--	ND<1.00	ND<1.00	98	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	08/05/03 a	77.39	22.68	54.71	0.00	102	--	ND<1.00	ND<1.00	102	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	11/04/03 a	77.39	23.51	53.88	0.00	50.6	--	ND<1.00	ND<1.00	42.6	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	02/04/04 a	77.39	23.88	53.51	0.00	ND<100	--	ND<0.50	ND<1.0	70	ND<10	ND<2.0	ND<2.0	--	--	ND<100	
MW10	05/07/04 a	77.39	23.31	54.08	0.00	54.5	--	ND<1.00	ND<1.00	75.3	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	08/02/04 a	77.39	23.95	53.44	0.00	ND<50.0	--	ND<1.00	ND<1.00	31.6	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	11/08/04 a	77.39	22.59	54.80	0.00	ND<50.0	--	ND<1.00	ND<1.00	45.7	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	02/09/05 a	77.39	20.61	56.78	0.00	ND<50.0	--	ND<1.00	ND<1.00	50.9	ND<10.0	ND<1.00	ND<1.00	--	--	--	
MW10	05/18/05	77.39	20.10	57.29	0.00	<50.0	--	<1.00	<1.00	34.8	<10.0	<1.00	<1.00	--	--	--	
MW10	08/23/05	77.39	19.92	57.47	0.00	<50.0	--	<1.00	<1.00	27.4	<10.0	<1.00	<1.00	--	--	--	
MW10	11/16/05	77.39	20.58	56.81	0.00	<50.0	--	<1.00	<1.00	21.2	<10.0	<1.00	<1.00	--	--	--	
SCREEN INTERVAL (feet bgs): 15 to 40																	
MW11	12/15/93 a	75.35	24.47	--	0.00	2,700	1.3	1,100	32	58	--	--	--	--	--	--	--
MW11	03/29/94 a	75.35	22.59	52.76	0.00	2,900	ND	1,500	11	35	--	--	--	--	--	--	--
MW11	06/13/94 a	75.35	22.28	53.07	0.00	3,200	1.7	1,400	ND	ND	--	--	--	--	--	--	--
MW11	09/01/94 a	75.35	23.18	52.17	0.00	4,700	ND	2,200	96	ND	--	--	--	--	--	--	--
MW11	12/02/94 a	75.35	24.29	51.06	0.00	1,900	ND	460	ND	ND	--	--	--	--	--	--	--
MW11	02/21/95 a	75.35	20.55	54.80	0.00	ND	ND	1,100	ND	22	ND	--	--	--	--	--	--
MW11	03/15/95 a	75.35	21.46	53.89	0.00	2,500	ND	1,300	44	ND	--	--	--	--	--	--	--
MW11	05/15/95 a	75.35	19.11	56.24	0.00	ND	1.2	870	ND	41	ND	--	--	--	--	--	--
MW11	09/28/95 a	75.35	19.63	55.72	0.00	1,100	2	840	ND	7.5	ND	--	--	--	--	--	--
MW11	10/18/95 a	75.35	--	--	--	1,600	--	940	ND	ND	--	--	--	--	--	--	--
MW11	10/18/95 a	75.35	19.94	55.41	0.00	4,600	ND	3,300	100	260	ND	--	--	--	--	--	--
MW11	04/16/96 a	75.35	--	--	--	650	ND	24	1,100	ND	1	--	--	--	--	--	--
MW11	04/16/96 a	75.35	--	--	--	3,100	1,200	1,300	ND	130	ND	230	--	--	--	--	--
MW11	07/11/96 a	75.35	19.70	55.65	0.00	4,200	--	430	ND	34	ND	130	--	--	--	--	--
MW11	10/08/96 a	75.35	19.42	55.93	0.00	2,700	--	57	ND	130	ND	100	--	--	--	--	--
MW11	01/08/97 a	75.35	17.94	57.41	0.00	4,600	ND	3,300	100	260	ND	--	--	--	--	--	--
MW11	04/30/97 a	75.35	17.23	58.12	0.00	150	--	1,100	ND	47	ND	47	--	--	--	--	--
MW11	07/24/97 a	75.35	17.90	57.45	0.00	8,800	--	1,5	ND	ND	ND	12	--	--	--	--	--
MW11	10/24/97 a	75.35	18.38	56.97	0.00	7,800	--	4,200	ND	ND	ND	ND	--	--	--	--	--
MW11	01/21/98 a	75.35	17.85	57.50	0.00	11,000	--	6,400	ND	650	ND	ND	ND	ND	ND	ND	--
MW11	04/20/98 a	75.35	13.72	61.63	0.00	9,900	--	4,100	10	490	13	ND	--	--	--	--	--

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TRPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TBA 8260B (µg/l)	DIPPE 8260B (µg/l)	ETBEE 8260B (µg/l)	TAME 8015B (µg/l)	Ethanol 8260B (µg/l)	Methanol 8015B (µg/l)
MW11	09/28/98 a	75.35	15.90	59.45	0.00	13,300	-	6,070	14.4	830	ND	ND	-	-	-	-	-	-
MW11	12/16/98 a	75.35	15.94	59.41	0.00	2,560	-	4,240	4.2	174	ND	ND	-	-	-	-	-	-
MW11	03/11/99 a	75.35	16.85	58.50	0.00	9,600	-	5,800	24	510	17	16	-	-	-	-	-	-
MW11	06/21/99 a	75.35	16.43	58.92	0.00	8,200	-	4,400	9	410	17	ND	-	-	-	-	-	-
MW11	09/17/99 a	75.35	17.02	58.33	0.00	11,000	-	6,000	9	540	ND	ND	-	-	-	-	-	-
MW11	12/22/99 a	75.35	17.45	57.90	0.00	2,900	-	1,500	ND	130	ND	ND	-	-	-	-	-	-
MW11	03/02/00 a	75.35	17.64	57.71	0.00	1,800	-	420	ND<1.0	44	ND<3.0	210	-	-	-	-	-	-
MW11	06/21/00 a	75.35	17.83	57.52	0.00	790	-	47	2.5	3.5	5.9	440	430	200	ND<1.0	ND<1.0	ND<200	ND<200
MW11	09/12/00 a	71.86	18.68	53.18	0.00	580	-	120	ND<1.0	15	ND<1.0	450	ND>20	ND<1.0	ND<1.0	ND<1.0	-	-
MW11	12/13/00 a	71.86	19.64	52.22	0.00	3,200	-	1,500	11	220	13	-	360	190	ND<3.0	ND<3.0	-	-
MW11	02/21/01 a	71.86	20.30	51.56	0.00	3,000	-	1,100	12	150	18	-	480	180	ND<1	ND<1	-	-
MW11	05/21/01 a	71.86	17.64	54.22	0.00	560	-	18	ND<1.0	ND<10	ND<10	-	1,200	ND<500	ND<20	ND<20	ND<100	ND<100
MW11	08/01/01 a	71.86	18.31	53.55	0.00	550	-	ND<5.0	ND<10	ND<10	ND<10	-	520	ND<500	ND<20	ND<20	ND<100	ND<100
MW11	10/31/01 a	71.86	18.90	52.96	0.00	770	-	ND<2.5	ND<5.0	ND<5.0	ND<5.0	-	720	380	ND<10	ND<10	ND<100	ND<100
MW11	02/25/02 a	77.60	19.68	57.92	0.00	790	-	1.1	ND<1.0	ND<1.0	ND<2.0	-	160	ND<50	ND<2.0	ND<2.0	ND<100	ND<100
MW11	05/29/02 a	77.60	19.51	58.09	0.00	ND<50	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	-	ND<2.0	ND<10	ND<1.0	ND<1.0	-	-
MW11	08/26/02 a	77.60	19.59	58.01	0.00	ND<50.0	-	ND<4.0	ND<1.00	ND<1.00	ND<1.00	-	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-
MW11	11/25/02 a	77.60	19.60	58.00	0.00	ND<50.0	-	ND<1.0	ND<1.0	ND<1.0	ND<1.0	-	ND<2.0	ND<10.0	ND<1.0	ND<1.0	ND<1.0	-
MW11	02/19/03 a	77.60	19.18	58.42	0.00	1,500	-	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	1,660	561	ND<1.00	ND<1.00	ND<1.00	ND<10,000
MW11	05/07/03 a	77.60	20.56	57.04	0.00	ND<50.0	-	1	1.5	ND<1.00	ND<1.00	-	30.2	ND<10.0	ND<1.00	ND<1.00	ND<1.00	ND<100
MW11	08/05/03 a	77.60	20.11	57.49	0.00	426	-	ND<4.00	ND<1.00	ND<1.00	ND<1.00	-	54.8	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-
MW11	11/04/03 a	77.60	18.50	59.10	0.00	ND<50.0	-	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	22	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-
MW11	02/04/04 a	77.60	20.41	57.19	0.00	ND<100	-	0.74	ND<1.0	ND<1.0	ND<1.0	-	16	31	ND<2.0	ND<2.0	ND<2.0	-
MW11	05/07/04 a	77.60	20.44	57.16	0.00	75	-	ND<1.00	ND<1.00	ND<1.00	ND<1.00	-	7.3	ND<10.0	ND<1.00	ND<1.00	ND<1.00	ND<100
MW11	08/02/04 a	77.60	20.15	57.45	0.00	198	-	1.1	ND<1.00	ND<1.00	ND<1.00	-	6	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-
MW11	11/08/04 a	77.60	18.81	58.79	0.00	766	-	8.4	ND<1.00	ND<1.00	ND<1.00	-	14.7	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-
MW11	02/09/05 a	77.60	18.30	59.30	0.00	ND<50.0	-	ND<4.00	ND<1.00	ND<1.00	ND<1.00	-	2.8	21.9	ND<1.00	ND<1.00	ND<1.00	-
MW11	05/18/05	77.60	16.75	60.85	0.00	<50.0	-	<1.00	<1.00	<1.00	<1.00	-	6.40	<0.0	<1.00	<1.00	<1.00	-
MW11	08/23/05	77.60	16.30	61.30	0.00	<50.0	-	<1.00	<1.00	<1.00	<1.00	-	7.52	<10.0	<1.00	<1.00	<1.00	-
MW11	11/16/05	77.60	17.08	60.52	0.00	<50.0	-	<1.00	<1.00	<1.00	<1.00	-	9.35	<10.0	<1.00	<1.00	<1.00	-
MW12	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW12	12/15/93 a	-	25.35	-	0.00	160	ND	4.4	ND	ND	ND	ND	1.1	-	-	-	-	-
MW12	03/29/94 a	73.53	24.58	48.95	0.00	ND	ND	0.77	ND	ND	ND	ND	-	-	-	-	-	-
MW12	06/13/94 a	73.53	24.42	49.11	0.00	570	ND	15	0.3	0.8	0.9	-	-	-	-	-	-	-
MW12	09/01/94 a	73.53	24.75	48.78	0.00	ND	ND	0.88	ND	ND	ND	ND	-	-	-	-	-	-
MW12	12/02/94 a	73.53	24.01	49.52	0.00	ND	ND	0.75	ND	ND	ND	ND	-	-	-	-	-	-
MW12	02/21/95 a	73.53	23.41	50.12	0.00	320	ND	18	ND	ND	ND	ND	1.4	-	-	-	-	-
MW12	03/15/95 a	73.53	23.29	50.24	0.00	150	-	4.5	ND	ND	ND	ND	-	-	-	-	-	-
MW12	05/15/95 a	73.53	20.82	52.71	0.00	40	ND	45	ND	ND	ND	ND	2.7	-	-	-	-	-
MW12	09/28/95 a	73.53	21.50	52.03	0.00	410	ND	8.9	0.36	0.42	ND	ND	-	-	-	-	-	-
MW12	10/18/95 a	-	-	-	500	-	21	1	1.2	2	-	-	-	-	-	-	-	-
MW12	10/18/95 a	73.53	21.59	51.94	0.00	470	ND	18	1.1	1.2	0.91	-	-	-	-	-	-	-
MW12	04/16/96 a	-	-	-	-	1,100	ND	77	ND	18	ND	-	-	-	-	-	-	-

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	Thickness (feet)	LPH	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TAME 8260B (µg/l)	Ethanol 8015B (µg/l)	Ethanol 8260B (µg/l)	Methanol 8015B (µg/l)	
MW12	04/16/96 a	73.53	—	—	640	ND	26	1.1	4.9	1.2	13	—	—	—	—	—	—	
MW12	07/11/96 a	73.53	21.30	52.23	0.00	490	—	17	0.61	6	2.4	31	—	—	—	—	—	
MW12	10/08/96 a	73.53	21.22	52.31	0.00	910	—	44	ND	29	23	25	—	—	—	—	—	
MW12	01/08/97 a	73.53	20.40	53.13	0.00	780	—	63	ND	33	9.1	540	—	—	—	—	—	
MW12	04/30/97 a	73.53	19.20	54.33	0.00	7,900	—	2,500	52	920	160	130	—	—	—	—	—	
MW12	07/24/97 a	73.53	19.82	53.71	0.00	3,000	—	250	25	160	130	34	—	—	—	—	—	
MW12	10/24/97 a	73.53	20.40	53.13	0.00	170	—	10	0.31	2.3	1.9	42	—	—	—	—	—	
MW12	01/21/98 a	73.53	19.98	53.55	0.00	1,400	—	36	ND	27	30	ND	—	—	—	—	—	
MW12	04/20/98 a	73.53	15.25	58.28	0.00	1,000	—	56	2.5	16	12	68	—	—	—	—	—	
MW12	09/28/98 a	73.53	17.94	55.59	0.00	2,430	—	94.6	19.9	41	63.1	62.6	—	—	—	—	—	
MW12	12/16/98 a	73.53	19.14	54.39	0.00	5,440	—	26.4	75.7	219	448	50.5	—	—	—	—	—	
MW12	03/11/99 a	73.53	19.11	54.42	0.00	6,300	—	570	83	260	450	130	—	—	—	—	—	
MW12	06/21/99 a	73.53	18.84	54.69	0.00	5,200	—	370	81	250	430	110	—	—	—	—	—	
MW12	09/17/99 a	73.53	19.35	54.18	0.00	3,500	—	140	ND	87	100	130	—	—	—	—	—	
MW12	12/21/99 a	73.53	19.73	53.80	0.00	890	—	75	14	18	34	79	—	—	—	—	—	
MW12	03/02/00 a	73.53	21.02	52.51	0.00	9,600	—	160	100	190	540	83	—	—	—	—	—	
MW12	06/21/00 a	73.53	19.47	54.06	0.00	5,500	—	110	71	140	390	70	66	ND<20	ND<1.0	ND<1.0	ND<200	
MW12	09/12/00 a	75.76	20.15	55.65	0.05	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	12/13/00 a	75.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	02/21/01 a	75.76	19.45	56.31	0.00	24,000	—	850	200	970	3,300	—	—	—	—	—	—	
MW12	05/21/01 a	75.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	08/01/01 a	75.76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	10/31/01 a	75.76	21.22	54.57	0.04	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	02/25/02 a	76.03	21.90	54.15	0.02	—	—	—	—	—	—	—	—	—	—	—	—	
MW12	05/29/02 a	76.03	22.12	53.91	0.00	1,710	—	15.5	1.35	7.43	33.5	—	84	ND<10	ND<1.0	ND<1.0	ND<200	
MW12	08/26/02 a	76.03	19.62	56.41	0.00	971	—	26.5	1.18	5.15	5.34	—	46.3	ND<10.0	ND<1.00	ND<1.00	—	
MW12	11/25/02 a	76.03	22.89	53.14	0.00	925	—	30.9	6.6	22.5	12.9	—	32.4	ND<10.0	ND<1.0	ND<1.0	—	
MW12	02/19/03 a	76.03	22.68	53.35	0.00	1,180	—	35.1	4.4	32.8	8.2	—	22.8	ND<10.0	ND<1.00	ND<1.00	ND<1,000	
MW12	05/07/03 a	76.03	21.57	54.46	0.00	4,020	—	196	106	168	323	—	17.6	ND<10.0	ND<1.00	ND<1.00	—	
MW12	08/05/03 a	76.03	22.39	53.64	0.00	8,760	—	607	805	438	1,040	—	26	ND<10.0	ND<1.00	ND<1.00	—	
MW12	11/04/03 a	76.03	23.16	52.87	0.00	7,340	—	270	515	525	1,280	—	32.2	ND<10.0	ND<1.00	ND<1.00	—	
MW12	02/04/04 a	76.03	23.25	52.78	0.00	11,000	—	48	76	340	690	—	160	140	ND<20	ND<20	ND<1,000	
MW12	05/07/04 a	76.03	22.54	53.49	0.00	7,760	—	309	195	404	1,060	—	164	ND<10.0	ND<1.00	ND<1.00	—	
MW12	08/02/04 a	76.03	22.93	53.10	0.00	21,400	—	470	364	500	1,110	—	109	ND<10.0	ND<1.00	ND<1.00	5	
MW12	11/08/04 a	76.03	21.87	54.16	0.00	42,200	—	271	309	1,100	2,690	—	71	103	ND<1.00	ND<1.00	ND<1.00	—
MW12	02/09/05 a	76.03	19.49	56.54	0.00	85,400	—	1,610	2,320	1,230	4,690	—	25.2	19.2	ND<1.00	ND<1.00	ND<1.00	—
MW12	05/18/05 a	76.03	17.46	58.58*	0.01	30,900	—	1,570	636	2,850	4,60	<10.0	—	<10.0	<1.00	<1.00	<1.00	—
MW12	08/23/05	76.03	19.32	56.78*	0.09	56,000	—	3,180	7,610	8,250	44,400	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00	—
MW12	11/16/05	76.03	18.81	57.09*	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—
MW13	SCREEN INTERVAL (feet bgs): 15 to 40										—	—	—	—	—	—	—	—
MW13	12/15/93 a	—	21.93	—	0.00	1,900	—	1.3	190	280	60	180	—	—	—	—	—	—
MW13	03/29/94 a	72.84	18.50	54.34	0.00	750	ND	45	88	14	80	—	—	—	—	—	—	—
MW13	06/13/94 a	72.84	19.21	53.63	0.00	1,500	1.1	76	140	41	110	—	—	—	—	—	—	—

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Water (mg/L)	Depth to Ground- water (feet)	Ground- water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-h (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy- benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	TAME 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
MW13	09/01/94 a	72.84	20.21	52.63	0.00	1,600	ND	80	92	23	75	-	-	-	-	-	-	-	
MW13	12/02/94 a	72.84	20.65	52.19	0.00	5,400	1.2	240	580	120	490	-	-	-	-	-	-	-	
MW13	02/21/95 a	72.84	18.93	53.91	0.00	660	ND	32	75	20	62	-	-	-	-	-	-	-	
MW13	03/15/95 a	72.84	18.76	54.08	0.00	2,500	1.2	160	440	110	350	-	-	-	-	-	-	-	
MW13	05/15/95 a	72.84	15.09	57.75	0.00	2,000	1	110	200	84	180	-	-	-	-	-	-	-	
MW13	09/28/95 a	72.84	12.96	59.88	0.00	58	ND	0.99	4.8	1.6	5.7	-	-	-	-	-	-	-	
MW13	10/18/95 a	--	--	--	--	ND	--	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	10/18/95 a	72.84	13.25	59.59	0.00	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	04/16/96 a	--	--	--	--	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	04/16/96 a	72.84	--	--	--	59	ND	2.6	3.1	1.4	3	ND	-	-	-	-	-	-	
MW13	07/11/96 a	72.84	15.22	57.62	0.00	ND	--	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	10/08/96 a	72.84	16.10	56.74	0.00	93	--	3.7	1.9	1.3	2.5	ND	-	-	-	-	-	-	
MW13	01/08/97 a	72.84	13.36	59.48	0.00	94	--	2.1	3.4	1.6	6.5	ND	-	-	-	-	-	-	
MW13	04/30/97 a	72.84	14.23	58.61	0.00	ND	--	0.45	ND	ND	ND	-	-	-	-	-	-	-	
MW13	07/24/97 a	72.84	13.95	58.89	0.00	1,800	--	1.60	14	99	71	29	-	-	-	-	-	-	
MW13	10/24/97 a	72.84	15.85	56.99	0.00	1,100	--	1.30	96	51	69	110	-	-	-	-	-	-	
MW13	01/21/98 a	72.84	16.06	56.78	0.00	480	--	27	13	7.5	12	ND	-	-	-	-	-	-	
MW13	04/26/98 a	72.84	10.24	62.60	0.00	230	--	7.9	12	5.5	16	ND	-	-	-	-	-	-	
MW13	09/29/98 a	72.84	10.22	62.62	0.00	ND	--	ND	ND	ND	ND	8.8	-	-	-	-	-	-	
MW13	12/16/98 a	72.84	12.32	60.52	0.00	ND	--	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	03/11/99 a	72.84	--	--	--	--	--	--	--	--	--	-	-	-	-	-	-	-	
MW13	06/21/99 a	72.84	13.99	58.85	0.00	890	--	26	3.7	6.2	3.2	ND	-	-	-	-	-	-	
MW13	09/17/99 a	72.84	--	--	--	ND	--	ND	ND	ND	ND	-	-	-	-	-	-	-	
MW13	12/22/99 a	72.84	11.10	61.74	0.00	ND	--	ND	ND	0.37	0.74	ND	-	-	-	-	-	-	
MW13	06/21/00 a	72.84	12.63	60.21	0.00	99	--	ND<1.0	ND<0.30	ND<0.30	ND<0.60	ND<10	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<200	ND<200	
MW13	09/12/00 a	75.11	15.20	59.91	0.00	--	--	--	--	--	--	ND	-	-	-	-	-	-	-
MW13	12/13/00 a	75.11	--	--	--	ND	--	ND	ND	0.37	0.74	ND	-	-	-	-	-	-	-
MW13	02/21/01 a	75.11	15.10	60.01	0.00	--	--	--	--	--	--	ND	-	-	-	-	-	-	-
MW13	05/21/01 a	75.11	13.85	61.26	0.00	160	--	5.8	1.7	2.4	ND<1.0	--	21	ND<50	ND<2.0	ND<2.0	ND<100	ND<100	
MW13	08/01/01 a	75.11	14.22	60.89	0.00	--	--	--	--	--	--	ND	-	-	-	-	-	-	-
MW13	10/31/01 a	75.11	15.77	59.34	0.00	120	--	17	4.4	6.7	3.1	ND<1	ND<50	ND<2.0	ND<2.0	ND<100	ND<100	ND<100	
MW13	02/25/02 a	75.08	16.11	58.97	0.00	180	--	10	4.2	4.3	5.5	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100	ND<100	ND<100	
MW13	05/29/02 a	75.08	16.09	58.99	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10	ND<1.0	ND<1.0	ND<100	ND<100	
MW13	08/26/02 a	75.08	15.40	59.68	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	11/25/02 a	75.08	14.05	61.03	0.00	ND<50.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	02/19/03 a	75.08	13.59	61.49	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<2.0	ND<10.0	ND<1.00	ND<1.00	ND<10,000	ND<10,000	
MW13	05/07/03 a	75.08	12.33	62.75	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<200	ND<200	
MW13	08/05/03 a	75.08	13.70	61.38	0.00	76.7	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	11/04/03 a	75.08	14.20	60.88	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	02/04/04 a	75.08	14.16	60.92	0.00	ND<100	--	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<10	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	05/07/04 a	75.08	14.40	60.68	0.00	98.4	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.0	ND<2.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	08/02/04 a	75.08	16.20	58.88	0.00	196	--	3.9	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	
MW13	11/08/04 a	75.08	14.59	60.49	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	
MW13	02/09/05 a	75.08	12.99	62.09	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<100	ND<100	

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Ground-water Elevation (feet)	Water Thickness (feet)	LPH	TPH-g ($\mu\text{g/l}$)	TPRH ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DPE 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	TAME 8015B ($\mu\text{g/l}$)	Ethanol 8260B ($\mu\text{g/l}$)	Methanol 8015B ($\mu\text{g/l}$)
MW13	05/18/05	75.08	11.57	63.51	0.00	<50.0	-	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	-	-	
MW13	08/23/05	75.08	12.20	62.88	0.00	210	-	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	-	-	
MW13	11/16/05	75.08	12.90	62.18	0.00	<50.0	-	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	-	-	
MW14	SCREEN INTERVAL (feet bgs): 15 to 40																	
MW14	12/15/93	a	-	21.93	-	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	03/29/94	a	75.23	18.50	56.73	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	06/13/94	a	75.23	19.21	56.02	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	09/01/94	a	75.23	20.21	55.02	0.00	53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	12/02/94	a	75.23	20.65	54.58	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	02/21/95	a	75.23	21.65	53.58	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	03/15/95	a	75.23	20.58	54.65	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	05/15/95	a	75.23	19.53	55.70	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	09/28/95	a	75.23	18.89	56.34	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	10/18/95	a	75.23	19.95	55.28	0.00	-	-	-	-	-	-	-	-	-	-	-	
MW14	04/16/96	a	75.23	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	07/11/96	a	75.23	20.00	55.23	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	01/08/97	a	75.23	18.42	56.81	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	04/30/97	a	75.23	17.53	57.70	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	07/24/97	a	75.23	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	10/24/97	a	75.23	18.36	56.87	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	01/21/98	a	75.23	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	04/20/98	a	75.23	14.70	60.53	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	09/28/98	a	75.23	15.83	59.40	0.00	-	-	-	-	-	-	-	-	-	-	-	
MW14	12/16/98	a	75.23	16.07	59.16	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	03/11/99	a	75.23	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	06/21/99	a	75.23	16.50	58.73	0.00	50	-	-	-	-	-	-	-	-	-	-	
MW14	09/17/99	a	75.23	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	12/22/99	a	75.23	18.15	57.08	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
MW14	06/21/00	a	75.23	18.77	56.46	0.00	ND<50	-	ND<30	ND<30	ND<30	ND<60	ND<10	ND<20	ND<50	ND<10	ND<200	
MW14	09/12/00	a	71.75	19.60	52.15	0.00	-	-	ND<1.0	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	12/13/00	a	71.75	20.45	51.30	0.00	ND<50	-	-	-	-	-	-	-	-	-	-	
MW14	02/21/01	a	71.75	19.90	51.85	0.00	-	-	-	-	-	-	-	-	-	-	-	
MW14	05/29/01	a	77.49	21.60	55.89	0.00	ND<100	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<1.0	ND<200	
MW14	08/01/01	a	71.75	19.78	51.97	0.00	-	-	ND<0.5	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	10/31/01	a	71.75	21.61	50.14	0.00	ND<100	-	ND<0.5	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	02/25/02	a	77.49	21.23	56.26	0.00	ND<100	-	ND<0.50	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	05/29/02	a	77.49	20.97	56.52	0.00	ND<50	-	ND<1.0	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	08/26/02	a	77.49	22.42	55.07	0.00	ND>50	-	ND<1.00	ND<1.00	ND<1.00	-	-	-	-	-	-	
MW14	11/25/02	a	77.49	22.75	54.74	0.00	ND>50	-	ND<1.0	ND<1.0	ND<1.0	-	-	-	-	-	-	
MW14	02/19/03	a	77.49	22.66	54.83	0.00	ND>50	-	ND<1.00	ND<1.00	ND<1.00	-	-	-	-	-	-	
MW14	05/07/03	a	77.49	20.97	56.52	0.00	67.2	-	ND<1.00	ND<1.00	ND<1.00	-	-	-	-	-	-	
MW14	08/05/03	a	77.49	20.96	56.53	0.00	ND>50	-	ND<1.00	ND<1.00	ND<1.00	-	-	-	-	-	-	
MW14	11/04/03	a	77.49	21.46	56.03	0.00	ND>50	-	ND<1.00	ND<1.00	ND<1.00	-	-	-	-	-	-	

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (mg/l)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW14	02/04/04	a	77.49	21.19	56.30	0.00	ND<100	ND<50.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<1.0	ND<100	-
MW14	05/07/04	a	77.49	20.58	56.91	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-
MW14	08/02/04	a	77.49	21.38	56.11	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-
MW14	11/08/04	a	77.49	19.76	57.73	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-
MW14	02/09/05	a	77.49	19.34	58.15	0.00	ND<50.0	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-
MW14	05/18/05		77.49	16.74	60.75	0.00	<50.0	-	<1.00	<1.00	<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	-	-
MW14	08/23/05		77.49	16.97	60.52	0.00	<50.0	-	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	-	-
MW14	11/16/05	77.49	17.38	60.11	0.00	<50.0	-	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW15 SCREEN INTERVAL (feet bgs): 15 to 35																	
MW15	09/14/93	a	74.06	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	02/21/95	a	--	20.45	--	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	03/15/95	a	74.06	20.17	53.89	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	05/15/95	a	74.06	18.02	56.04	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	09/28/95	a	74.06	18.69	55.37	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	10/18/95	a	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	10/18/95	a	74.06	18.85	55.21	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	04/16/96	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	07/11/96	a	74.06	18.10	55.96	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	10/08/96	a	74.06	17.72	56.34	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	01/08/97	a	74.06	16.61	57.45	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	04/30/97	a	74.06	15.33	58.73	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	07/24/97	a	74.06	17.25	56.81	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	10/24/97	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	01/21/98	a	74.06	16.26	57.80	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	04/20/98	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	09/28/98	a	74.06	15.20	58.86	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	12/16/98	a	74.06	15.82	58.24	0.00	--	--	--	--	--	--	--	--	--	--	--
MW15	03/11/99	a	74.06	16.69	57.37	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	06/21/99	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	09/17/99	a	74.06	15.45	58.61	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	12/22/99	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	03/02/00	a	74.06	17.52	56.54	0.00	ND<50	--	--	--	--	--	--	--	--	--	--
MW15	06/21/00	a	74.06	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15	09/12/00	a	72.88	18.55	54.33	0.00	ND<50	--	--	--	--	--	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<1.0
MW15	12/13/00	a	72.88	19.90	52.98	0.00	--	--	--	--	--	--	--	--	--	--	--
MW15	02/21/01	a	72.88	19.06	53.82	0.00	ND<50	--	3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
MW15	05/21/01	a	72.88	17.40	55.48	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<1.0
MW15	08/01/01	a	72.88	18.39	54.49	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100
MW15	10/31/01	a	72.88	28.63	44.25	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100
MW15	02/25/02	a	78.62	20.42	58.20	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100
MW15	05/29/02	a	78.62	21.11	57.51	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<100
MW15	08/26/02	a	78.62	22.10	56.52	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10	ND<1.0	ND<1.0	ND<1.0
MW15	11/25/02	a	78.62	22.65	55.97	0.00	ND<50.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<1.0

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-h (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Ethanol (µg/l)	Methanol (µg/l)	
MW15	02/19/03 a	78.62	22.70	55.92	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	ND<200	ND<10,000
MW15	05/07/03 a	78.62	21.21	57.41	0.00	ND<50.0	--	ND<1.00	2.4	ND<1.00	3.7	--	ND<2.00	ND<10.0	ND<1.00	--	--
MW15	08/05/03 a	78.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW15	11/04/03 a	78.62	21.61	57.01	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW15	02/04/04 a	78.62	21.64	56.98	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	--	ND<1.0	ND<2.0	ND<2.0	ND<1.00	ND<100	--
MW15	05/07/04 a	78.62	20.90	57.72	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW15	08/02/04 a	78.62	21.28	57.34	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW15	11/08/04 a	78.62	19.92	58.70	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW15	02/09/05 a	78.62	18.02	60.60	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	--	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW15	05/18/05	78.62	15.20	63.42	0.00	<50.0	--	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	--	--
MW15	08/23/05	78.62	15.57	63.05	0.00	<50.0	--	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	--	--
MW15	11/16/05	78.62	16.28	62.34	0.00	<50.0	--	<1.00	<1.00	<1.00	--	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00
MW16 SCREEN INTERVAL (feet bgs): 15 to 35																	
MW16	02/21/95 a	74.86	21.85	53.07	0.00	550	ND	76	55	21	78	--	--	--	--	--	--
MW16	03/15/95 a	74.86	21.79	53.07	0.00	140	ND	43	2.8	ND	9.5	--	--	--	--	--	--
MW16	05/15/95 a	74.86	21.20	53.66	0.00	210	ND	25	22	5.9	23	--	--	--	--	--	--
MW16	09/28/95 a	74.86	19.35	55.51	0.00	61	ND	15	2.1	1.5	1.5	--	--	--	--	--	--
MW16	10/18/95 a	--	--	--	--	160	--	73	17	18	16	--	--	--	--	--	--
MW16	10/18/95 a	74.86	19.74	55.12	0.00	ND	ND	6.5	1.6	ND	2.8	--	--	--	--	--	--
MW16	04/16/96 a	--	--	--	--	100	ND	57	ND	1.8	ND	--	--	--	--	--	--
MW16	04/16/96 a	74.86	17.28	57.58	0.00	ND	ND	10	0.73	ND	1.6	ND	--	--	--	--	--
MW16	07/11/96 a	74.86	19.65	55.21	0.00	160	--	48	0.48	8.5	ND	ND	--	--	--	--	--
MW16	10/08/96 a	74.86	19.56	55.30	0.00	220	--	5.4	ND	ND	ND	ND	--	--	--	--	--
MW16	01/08/97 a	74.86	17.40	57.46	0.00	84	--	48	ND	2.5	ND	ND	--	--	--	--	--
MW16	04/20/97 a	74.86	17.28	57.58	0.00	ND	--	2	ND	ND	ND	ND	--	--	--	--	--
MW16	07/24/97 a	74.86	17.97	56.89	0.00	ND	--	8.7	1.1	ND	ND	ND	--	--	--	--	--
MW16	10/24/97 a	74.86	18.78	56.08	0.00	ND	--	1.8	ND	ND	ND	ND	--	--	--	--	--
MW16	01/21/98 a	74.86	18.00	56.86	0.00	ND	--	7.9	ND	0.7	ND	ND	--	--	--	--	--
MW16	04/20/98 a	74.86	14.64	60.22	0.00	2500	--	3500	200	88	310	61	--	--	--	--	--
MW16	09/28/98 a	74.86	15.08	59.78	0.00	ND	ND	ND	ND	ND	ND	273	--	--	--	--	--
MW16	12/16/98 a	74.86	15.95	58.91	0.00	ND	--	5	ND	ND	ND	7	--	--	--	--	--
MW16	03/11/99 a	74.86	17.01	57.85	0.00	ND	--	6.8	1.1	ND	ND	ND	22	--	--	--	--
MW16	06/21/99 a	74.86	17.74	57.12	0.00	ND	--	1.8	ND	ND	ND	ND	30	--	--	--	--
MW16	09/17/99 a	74.86	18.18	56.68	0.00	90	--	7.6	0.4	1.9	3.9	45	--	--	--	--	--
MW16	12/22/99 a	74.86	17.61	57.25	0.00	130	--	21	ND	6.3	17	21	--	--	--	--	--
MW16	03/02/00 a	74.86	17.99	56.87	0.00	95	--	5.1	1.9	4.2	13	23	--	--	--	--	--
MW16	06/21/00 a	74.86	17.42	57.44	0.00	ND<50	--	3.7	ND<1.0	1.2	3.1	22	19	ND<20	ND<1.0	ND<1.0	ND<200
MW16	09/12/00 a	75.68	19.05	56.63	0.00	ND<50	--	5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	25	ND<20	ND<1.0	ND<1.0	--
MW16	12/13/00 a	75.68	--	--	--	--	--	--	--	--	--	--	12	ND<20	ND<1	ND<1	--
MW16	02/21/01 a	75.68	18.83	56.85	0.00	ND<50	--	3	ND<1	ND<1	ND<1	ND<1	--	--	--	--	--
MW16	05/21/01 a	75.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW16	08/01/01 a	75.68	--	--	--	--	--	--	--	--	--	--	27	ND<50	ND<2.0	ND<2.0	ND<100
MW16	10/31/01 a	75.68	19.66	56.02	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	ND<100

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TAME (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW16	02/25/02 a	75.68	26.11	49.57	0.00	ND<100	--	0.67	ND<1.0	ND<2.0	ND<50	ND<2.0	ND<100	ND<100
MW16	05/29/02 a	75.68	26.59	49.09	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<1.0	ND<100	ND<100
MW16	08/26/02 a	75.68	27.34	48.34	0.00	ND<50.0	--	ND<1.00	1.74	ND<1.00	2.19	--	6.79	ND<10,000
MW16	11/25/02 a	75.68	24.30	51.38	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	8.4
MW16	02/19/03 a	75.68	24.38	51.30	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	6.2
MW16	05/07/03 a	75.68	24.69	50.99	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	5.8
MW16	08/05/03 a	75.68	24.46	51.22	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	30.3
MW16	11/04/03 a	75.68	24.82	50.86	0.00	133	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	14.5
MW16	02/04/04 a	75.68	23.55	52.13	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	32.8
MW16	05/07/04 a	75.68	23.29	52.39	0.00	143	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	38
MW16	08/02/04 a	75.68	22.70	52.98	0.00	139	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	227
MW16	11/08/04 a	75.68	22.41	53.27	0.00	114	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	119
MW16	02/09/05 a	75.68	23.56	52.12	0.00	79	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<1.00	--	100
MW16	05/18/05	75.68	21.73	53.95	0.00	92.6	--	<1.00	<1.00	<1.00	<1.00	<1.00	--	134
MW16	08/23/05	75.68	18.26	57.42	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	<1.00	--	<1.00
MW16	11/16/05	75.68	19.08	56.60	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
MW17 SCREEN INTERVAL (feet bgs): 14 to 34														
MW17	09/17/90 a	73.90	--	--	Trace	--	--	--	--	--	--	--	--	--
MW17	01/04/91 a	73.90	--	--	--	--	--	--	--	--	--	--	--	--
MW17	06/17/93 a	73.90	--	--	--	--	--	--	--	--	--	--	--	--
MW17	02/21/95 a	--	21.44	--	0.00	30,000	12	4,900	7,100	2,500	5,900	--	--	--
MW17	03/15/95 a	73.90	21.40	52.50	0.00	27,000	5.6	3,900	6,200	1,800	3,500	--	--	--
MW17	05/15/95 a	73.90	20.07	53.83	0.00	34,000	1.2	5,200	7,100	2,000	3,100	--	--	--
MW17	09/28/95 a	73.90	20.35	53.55	0.00	25,000	8.6	3,300	1,600	1,300	1,500	--	--	--
MW17	10/18/95 a	--	--	--	--	38,000	--	7,500	17,000	1,700	9,200	--	--	--
MW17	10/18/95 a	73.90	20.60	53.30	0.00	13,000	12	4,300	2,700	1,600	1,900	--	--	--
MW17	04/16/96 a	--	--	--	--	60,000	ND	11,000	14,000	2,500	7,000	--	--	--
MW17	04/16/96 a	73.90	--	--	--	15,000	6,100	4,300	1,200	1,700	990	--	--	--
MW17	07/11/96 a	73.90	19.38	54.52	0.00	54,000	--	7,300	8,200	1,800	5,200	ND	--	--
MW17	10/08/96 a	73.90	19.40	54.50	0.00	38,000	--	3,900	2,500	2,400	2,600	--	--	--
MW17	01/08/97 a	73.90	18.68	55.22	0.00	13,000	--	4,700	170	2,000	290	5,700	--	--
MW17	04/30/97 a	73.90	18.25	55.65	0.00	20,000	--	5,800	670	1,800	460	9,800	--	--
MW17	07/24/97 a	73.90	18.42	55.48	0.00	24,000	--	ND	730	1,900	330	7,500	--	--
MW17	10/24/97 a	73.90	19.31	54.59	0.00	11,000	--	4,700	210	1,700	190	5,400	--	--
MW17	01/21/98 a	73.90	18.54	55.36	0.00	11,000	--	2,500	200	970	160	3,600	--	--
MW17	04/20/98 a	73.90	15.43	58.47	0.00	14,000	--	2,100	110	700	170	10,000	--	--
MW17	06/01/98 a	--	--	--	--	22,000	--	2,300	140	1,000	190	14,000	--	--
MW17	06/01/98 a	73.90	15.41	58.49	0.00	13,000	--	1,400	520	380	590	8,600	--	--
MW17	09/28/98 a	73.90	17.06	56.84	0.00	2,020	--	415	7	67.6	10.2	3,880	--	--
MW17	12/16/98 a	73.90	17.56	56.34	0.00	2,300	--	1,710	17.3	101	35.6	13,300	--	--
MW17	03/11/99 a	73.90	17.85	56.05	0.00	9,300	--	1,900	46	280	100	7,500	--	--
MW17	06/21/99 a	73.90	17.28	56.62	0.00	6,500	--	1,000	68	88	91	7,400	--	--
MW17	09/17/99 a	73.90	18.14	55.76	0.00	7,300	--	1,300	10	69	22	6,200	--	--

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TPH-B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethy-Xylenes (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	TAME 8260B (µg/l)	EtBE 8260B (µg/l)	Ethanol 8015B (µg/l)	Methanol 8015B (µg/l)
MW17	12/22/99 a	73.90	18.76	55.14	0.00	2,900	--	330	32	40	42	2,600	--	--	--	--
MW17	03/02/00 a	73.90	18.85	55.05	0.00	1,800	--	120	2.2	3.7	2.4	1,300	--	--	--	--
MW17	06/21/00 a	73.90	18.47	55.43	0.00	1,500	--	120	2.2	8.6	3.4	680	890	16,000	ND<1.0	ND<200
MW17	09/12/00 a	71.03	19.20	51.83	0.00	1,100	--	52	ND<1.0	ND<1.0	ND<1.0	410	15,000	ND<1.0	3	ND<1.0
MW17	12/13/00 a	71.03	21.37	49.66	0.00	1,200	--	10	ND<1.0	ND<1.0	ND<1.0	210	24,000	ND<1.0	6	ND<1.0
MW17	02/21/01 a	71.03	21.40	49.63	0.00	5,300	--	580	ND<5	41	ND<5	3,100	15,000	ND<5	5	ND<5
MW17	05/21/01 a	71.03	20.32	50.71	0.00	1,000	--	240	ND<10	ND<10	ND<10	500	19,000	ND<20	ND<20	ND<100
MW17	08/01/01 a	71.03	18.90	52.13	0.00	970	--	ND<25	ND<50	ND<50	ND<50	270	18,000	ND<100	ND<100	ND<100
MW17	10/31/01 a	71.03	20.21	50.82	0.00	890	--	29	ND<50	ND<50	ND<50	450	21,000	ND<100	ND<100	ND<100
MW17	02/25/02 a	76.74	24.32	52.42	0.00	310	--	23	ND<25	ND<25	ND<25	38	19,000	ND<50	ND<50	ND<100
MW17	05/29/02 a	76.74	20.97	55.77	0.00	5,100	--	981	ND<10	26.1	ND<10	3,650	19,600	ND<10	ND<10	ND<100
MW17	08/26/02 a	76.74	20.95	55.79	0.00	5,100	--	880	14.4	132	21.3	2,940	17,600	ND<1.00	4.6	ND<1.00
MW17	11/25/02 a	76.74	21.74	55.00	0.00	4,370	--	1,090	21.4	73	49.7	--	1,820	11,100	ND<1.0	ND<1.00
MW17	02/19/03 a	76.74	21.74	55.00	0.00	245	--	28.6	ND<1.00	1.6	ND<1.00	--	168	389	ND<1.00	ND<1,000
MW17	05/07/03 a	76.74	21.94	54.80	0.00	3,560	--	717	234	200	304	--	386	2,320	ND<1.00	ND<1.00
MW17	08/05/03 a	76.74	20.66	56.08	0.00	2,030	--	555	3	54.7	ND<1.00	--	198	3,480	ND<1.00	ND<1.00
MW17	11/04/03 a	76.74	21.89	54.85	0.00	656	--	109	1.6	ND<1.00	ND<1.00	--	171	3,240	ND<1.00	1.4
MW17	02/04/04 a	76.74	22.22	54.52	0.00	930	--	200	ND<5.0	ND<5.0	ND<5.0	--	140	4,200	ND<10	ND<100
MW17	05/07/04 a	76.74	21.89	54.85	0.00	1,160	--	352	ND<1.00	1.4	ND<1.00	--	129	4,110	ND<1.00	2.5
MW17	08/02/04 a	76.74	22.55	54.19	0.00	984	--	144	2	4	ND<1.00	--	118	6,920	ND<1.00	5.8
MW17	11/08/04 a	76.74	21.66	55.08	0.00	194	--	19.6	ND<1.00	ND<1.00	ND<1.00	--	42.8	2,060	ND<1.00	1
MW17	02/09/05 a	76.74	20.17	56.57	0.00	164	--	7.6	ND<1.00	ND<1.00	ND<1.00	--	36.4	4,440	ND<1.00	1.1
MW17	05/18/05	76.74	18.05	58.69	0.00	1,020	--	72.4	1.10	4.00	1.90	--	33.8	2,090	<1.00	<1.00
MW17	08/23/05	76.74	18.53	58.21	0.00	410	--	112	1.16	5.98	2.09	--	12.6	723	<1.00	<1.00
MW17	11/16/05	76.74	18.73	58.01	0.00	635	--	103	1.75	20.2	2.79	--	12.6	530	<1.00	<1.00
MW18	SCREEN INTERVAL (feet bgs): 15 to 35															
MW18	04/16/96 a	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	04/16/96 a	--	--	--	--	15.42	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	01/08/97 a	--	--	--	--	16.00	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	04/30/97 a	--	--	--	--	15.81	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	07/24/97 a	--	--	--	--	17.75	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	10/24/97 a	--	--	--	--	16.06	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	01/21/98 a	--	--	--	--	11.05	0.00	780	--	90	76	25	120	ND	ND	ND
MW18	04/20/98 a	--	--	--	--	12.80	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	09/28/98 a	--	--	--	--	13.38	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	12/16/98 a	--	--	--	--	14.49	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	03/11/99 a	--	--	--	--	14.50	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	06/21/99 a	--	--	--	--	11.05	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	09/17/99 a	--	--	--	--	14.90	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	12/21/99 a	--	--	--	--	ND<50	0.00	ND<50	ND<30	ND<30	ND<30	0.48	ND<30	1.2	25	--
MW18	03/02/00 a	--	--	--	--	ND<50	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18	06/21/00 a	--	--	--	--	ND<50	0.00	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Elevation (feet)	LPH Thickness (feet)	TPH-g (µg/l)	TRPH (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	MTBE (µg/l)	TAME (µg/l)	ETBE (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW18	09/12/00 a	76.33	15.70	60.63	0.00	ND<50	--	ND<1.0	ND<1.0	ND<5.0	ND<20	ND<1.0	ND<1.0	--	--	--
MW18	12/13/00 a	76.33	--	--	0.00	ND<50	--	ND<1.0	ND<1.0	ND<5	ND<20	ND<1	ND<1	--	--	--
MW18	02/21/01 a	76.33	14.07	62.26	0.00	ND<50	--	ND<1	ND<1	ND<5	ND<50	ND<2.0	ND<2.0	--	--	--
MW18	05/21/01 a	76.33	13.30	63.03	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	2.5	ND<50	ND<2.0	ND<2.0	ND<100	--
MW18	08/01/01 a	76.33	15.21	61.12	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	1.6	ND<50	ND<2.0	ND<2.0	ND<100	--
MW18	10/31/01 a	76.33	15.99	60.34	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<2.0	ND<100	--
MW18	02/25/02 a	76.31	16.82	59.49	0.00	ND<100	--	ND<0.50	ND<1.0	ND<2.0	ND<50	ND<2.0	ND<2.0	ND<2.0	ND<100	--
MW18	05/29/02 a	76.31	16.97	59.34	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	2.01	ND<10	ND<1.0	ND<1.0	--	--
MW18	08/26/02 a	76.31	16.87	59.44	0.00	ND<100	--	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	11/25/02 a	76.31	16.57	59.74	0.00	ND<50.0	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<10.0	ND<1.0	ND<1.0	--	--
MW18	02/19/03 a	76.31	14.82	61.49	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	4.6	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	05/07/03 a	76.31	12.49	63.82	0.00	ND<50.0	--	ND<1.00	1.8	ND<1.00	2.3	ND<2.00	ND<10.0	ND<1.00	ND<200	ND<10,000
MW18	08/05/03 a	76.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW18	11/04/03 a	76.31	15.09	61.22	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	2.6	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	02/04/04 a	76.31	13.24	63.07	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	7.3	ND<10	ND<2.0	ND<2.0	--	ND<100
MW18	05/07/04 a	76.31	15.09	61.22	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	6.4	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	08/02/04 a	76.31	15.84	60.47	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	5.2	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	11/08/04 a	76.31	13.32	62.99	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	2.7	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	02/09/05 a	76.31	13.19	63.12	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<2.00	ND<10.0	ND<1.00	ND<1.00	--	--
MW18	05/18/05	76.31	11.70	64.61	0.00	<50.0	--	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	--	--
MW18	08/23/05	76.31	11.25	65.06	0.00	<50.0	--	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	--	--
MW18	11/16/05	76.31	63.50	0.00	<50.0	--	<1.00	<1.00	<1.00	<2.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00
MW19	SCREEN INTERVAL (feet bgs): 10 to 30				0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<1.0	--
MW19	09/12/00 a	70.28	20.20	50.08	0.00	ND<50	--	ND<1.0	ND<1.0	ND<1.0	ND<5.0	ND<20	ND<1.0	ND<1.0	ND<1.0	--
MW19	11/22/00 a	70.28	20.86	49.42	0.00	ND<100	--	ND<1	ND<1	ND<1	ND<5	ND<20	ND<1	ND<1	ND<1	--
MW19	02/21/01 a	70.28	17.10	53.18	0.00	ND<50	--	--	--	--	--	--	--	--	--	--
MW19	05/21/01 a	70.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	08/01/01 a	70.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW19	10/31/01 a	70.28	21.23	49.05	0.00	ND<100	--	ND<0.5	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100	--
MW19	02/25/02 a	76.30	21.96	54.34	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<2.0	ND<2.0	ND<100	--
MW19	05/29/02 a	76.30	22.23	54.07	0.00	ND<50	--	ND<1	ND<1	ND<1	ND<1	ND<10	ND<1.0	ND<1.0	ND<1.0	--
MW19	08/26/02 a	76.30	22.74	53.56	0.00	ND<100	--	ND<1.00	ND<1.00	ND<1.00	ND<1.00	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	11/25/02 a	76.30	23.10	53.20	0.00	ND<50.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	ND<1.0	--
MW19	02/19/03 a	76.30	22.85	53.45	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<100	--
MW19	05/07/03 a	76.30	21.82	54.48	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	08/05/03 a	76.30	22.32	53.98	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	11/04/03 a	76.30	23.14	53.16	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	02/04/04 a	76.30	23.60	52.70	0.00	ND<100	--	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<100	--
MW19	05/07/04 a	76.30	22.96	53.34	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	08/02/04 a	76.30	23.49	52.81	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	11/08/04 a	76.30	22.78	53.52	0.00	ND<50.0	--	ND<1.00	ND<1.00	ND<1.00	ND<1.0	ND<10.0	ND<1.00	ND<1.00	ND<1.00	--
MW19	02/09/05 a	76.30	20.11	56.19	0.00	ND<50.0	--	<1.00	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--
MW19	05/18/05	76.30	18.66	57.64	0.00	<50.0	--	<1.00	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	--

TABLE 3 HISTORICAL GROUNDWATER MONITORING DATA,
EXXONMOBIL OIL CORPORATION SERVICE STATION 18-HE1,
1465 SOUTH MAIN STREET, SANTA ANA, CALIFORNIA

Well ID	Date Measured	TOC Elevation (feet)	Ground-water Thickness (feet)	LPH (feet)	TPH-g (µg/l)	TPH-g (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (µg/l)	TBA (µg/l)	DIPE (µg/l)	ETBE (µg/l)	Ethanol (µg/l)	Methanol (µg/l)
MW19	08/23/05	76.30	19.57	56.73	0.00	<50.0	--	<1.00	<1.00	--	8260B	8260B	8260B	8260B	8015B	8015B
MW19	11/16/05	76.30	20.20	56.10	0.00	<50.0	--	<1.00	<1.00	--	8260B	8260B	8260B	8260B	8260B	8260B
VW11	SCREEN INTERVAL (feet bgs): 7 to 22															
VW11	01/08/97 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VW11	04/30/97 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VW11	09/17/99 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VW12	SCREEN INTERVAL (feet bgs): 7 to 22															
VW12	01/08/97 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VW12	04/30/97 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VW12	09/17/99 a	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Regulatory Criteria Reference																
TOC	1	(1)	150	700	1,750	13	13									
LPH	Top of casing.															
TPH-g	Liquid-phase hydrocarbons.															
TPH-d	Total Petroleum Hydrocarbons as gasoline.															
MTBE	Total Petroleum Hydrocarbons as diesel.															
MtBE	Methyl tertiary butyl ether.															
TBA	Tertiary butyl alcohol.															
DiPE	Diisopropyl ether.															
ETBE	Ethyl tertiary butyl ether.															
TAME	Tertiary amyl methyl ether.															
bgs	Below ground surface.															
µg/L	Micrograms per liter.															
ND	Not detected above the laboratory reporting limits.															
--	Not sampled or not analyzed.															
a	Data prior to 1 April 2005 provided by TRC Consumer-Focused Solutions.															
*	Adjusted elevation for product thickness.															

Note: Survey conducted by Cal Vada Surveying, Inc. on 4 December 2001. TOC elevation data OCS GPS Point 1531 and NAVD88 vertical datum elevation.

References:

- (1) Jon B. Marshack, August 2000, A Contamination of Water Quality Goals, California Environmental Protection Agency - Regional Water Quality Control Board.

Attachment C

Field Protocols

PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING

GROUNDWATER GAUGING

Wells are opened prior to gauging to allow the groundwater level in the wells to equilibrate with atmospheric pressure. The depth to groundwater and depth to liquid-phase hydrocarbons, if present, are then measured to the nearest 0.01 feet using an electronic water level meter or optical interface probe. The measurements are made from a permanent reference point at the top of the well casing. If less than 1 foot of water is measured in a well, the well is considered “functionally dry.” Wells with a sheen or measurable liquid-phase hydrocarbons are generally not sampled.

NO PURGE SAMPLING

Well purging is not conducted prior to sampling if purging is not needed to meet technical and/or regulatory project requirements. Following collection of water level measurements, wells that are not purged prior to sampling are sampled according to the protocol in the last section of this document.

WELL PURGING

A well is generally purged prior to obtaining natural attenuation parameters or if the well screen is submerged to obtain representative and consistent data. Field parameters of pH, electrical conductance, turbidity, salinity, oxygen reduction potential (ORP), and dissolved oxygen are measured using a flow-through-cell and Horriba U-22 unit or similar device during purging to ensure that these parameters have stabilized before groundwater in a well is sampled. Field parameters are measured after the removal of each well casing volume of water. Groundwater parameters are considered stable when two consecutive readings indicate no greater than a 10 percent change from the previous reading for temperature and electrical conductance and no greater than a 0.1 pH units change from the previous reading for pH. Groundwater in each well is purged using an inertial pump, an electric submersible pump, or a bailer. After the well is purged, the water level is checked to ensure that the well has recharged to at least 80 percent of its original water level.

GROUNDWATER SAMPLING

Groundwater in each well is sampled using a factory-cleaned disposable bailer. The bailer is slowly lowered into the well to the water column until the bailer is submerged. Samples from extraction wells are typically collected from sample ports associated with the groundwater remediation system. Samples collected for volatile organic and methane analyses are placed in Teflon septum-sealed 40-milliliter (mL) glass vials with hydrochloric acid (HCL) preservative. Samples collected for diesel analysis are placed in 1-liter amber glass bottles with HCL preservative. Samples for sulfate and nitrate analysis are collected in a 500-mL plastic bottle with no preservative. Samples for alkalinity analysis are collected in a 500-mL plastic bottle with no preservative. Samples for ferrous iron are filtered in the field with a 0.45-micron disposable filter and collected in a 500-mL plastic bottle with HCL preservative. Each sample bottle is labeled with the site name, well number, date, sampler’s initials, and preservative. The samples are placed in a cooler with ice for delivery to a state-certified laboratory. The information for each sample is entered on a chain-of-custody form prior to transport to the laboratory.

Attachment D

Field Documents

Client: ExxonMobilStation No.: 18-HC1Project No.: CP18-HC1Task No.: 1Technicians: M. BlackwellBudgeted time:Date: 11/16/05Time Billed:Vehicle No.: #11Vehicle Mileage:Equipment Used: SohnstNo. of Drums on Site: Water Soil Empty**• Task:**

1) gauge & sample all wells 4QMS

• Summary:

0630 - arrive on site, check in, review HSP, get decon H₂O, label rods

0730 - set up @ MW9

0940 - did not sample MW12 due to .13 free prod

0945 - MW16 well was under pressure

1030 - Cpl Barricade off site

1200 - delays @ MW7 due to disabled truck parked on well @ tire shop

1345 - gauged & sampled all well w/out problems

1400 - off site

Attachment E

**Laboratory Analytical Reports
and Chain-of-Custody Documentation**

December 01, 2005

Client: ETIC Engineering Pasadena (10324) Work Order: NOK2297
2774 East Walnut Street Project Name: Exxon 18-HE1 PO:4506119410
Pasadena, CA 91107 Project Nbr: 18-HE1
Attn: Patrick McCullough Date Received: 11/18/05

SAMPLE IDENTIFICATION**LAB NUMBER****COLLECTION DATE AND TIME**

MW-1	NOK2297-01	11/16/05 08:00
MW-2	NOK2297-02	11/16/05 08:30
MW-3	NOK2297-03	11/16/05 09:00
MW-5	NOK2297-04	11/16/05 09:30
MW-6	NOK2297-05	11/16/05 10:00
MW-7	NOK2297-06	11/16/05 10:30
MW-8	NOK2297-07	11/16/05 11:00
MW-9	NOK2297-08	11/16/05 11:30
MW-10	NOK2297-09	11/16/05 12:00
MW-11	NOK2297-10	11/16/05 12:30
MW-13	NOK2297-11	11/16/05 13:30
MW-14	NOK2297-12	11/16/05 14:00
MW-15	NOK2297-13	11/16/05 14:30
MW-16	NOK2297-14	11/16/05 15:00
MW-17	NOK2297-15	11/16/05 15:30
MW-18	NOK2297-16	11/16/05 16:00
MW-19	NOK2297-17	11/16/05 16:30

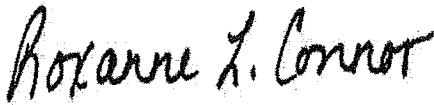
An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

California Certification Number: 01168CA

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:



Roxanne Connor

Senior Project Manager

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
---------	--------	------	-------	-----	-----------------	--------------------	--------	---------	-------

Sample ID: NOK2297-01 (MW-1 - Ground Water) Sampled: 11/16/05 08:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Ethylbenzene	1.08		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	2.27		ug/L	2.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 18:55	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 18:55	SW846 8260B	BH	5114541
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	110 %					11/29/05 18:55	SW846 8260B	BH	5114541
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	120 %					11/29/05 18:55	SW846 8260B	BH	5114541
<i>Surrogate: Toluene-d8 (78-121%)</i>	100 %					11/29/05 18:55	SW846 8260B	BH	5114541
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	97 %					11/29/05 18:55	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/28/05 13:57	SW846 8015B	kc	5114595
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	98 %					11/28/05 13:57	SW846 8015B	kc	5114595

Sample ID: NOK2297-02 (MW-2 - Ground Water) Sampled: 11/16/05 08:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Ethylbenzene	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	2.08		ug/L	2.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 19:24	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 19:24	SW846 8260B	BH	5114541
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	108 %					11/29/05 19:24	SW846 8260B	BH	5114541
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	121 %					11/29/05 19:24	SW846 8260B	BH	5114541
<i>Surrogate: Toluene-d8 (78-121%)</i>	101 %					11/29/05 19:24	SW846 8260B	BH	5114541
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	98 %					11/29/05 19:24	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 08:25	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	98 %					11/27/05 08:25	SW846 8015B	kc	5114480

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NOK2297-03 (MW-3 - Ground Water) Sampled: 11/16/05 09:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Ethylbenzene	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 19:52	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 19:52	SW846 8260B	BH	5114541
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	111 %					11/29/05 19:52	SW846 8260B	BH	5114541
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	111 %					11/29/05 19:52	SW846 8260B	BH	5114541
<i>Surrogate: Toluene-d8 (78-121%)</i>	102 %					11/29/05 19:52	SW846 8260B	BH	5114541
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	94 %					11/29/05 19:52	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 08:45	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	99 %					11/27/05 08:45	SW846 8015B	kc	5114480

Sample ID: NOK2297-04 (MW-5 - Ground Water) Sampled: 11/16/05 09:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Ethylbenzene	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	7.84		ug/L	2.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	21.2		ug/L	10.0	1	11/29/05 20:21	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 20:21	SW846 8260B	BH	5114541
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	113 %					11/29/05 20:21	SW846 8260B	BH	5114541
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	122 %					11/29/05 20:21	SW846 8260B	BH	5114541
<i>Surrogate: Toluene-d8 (78-121%)</i>	101 %					11/29/05 20:21	SW846 8260B	BH	5114541
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	95 %					11/29/05 20:21	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	83.8		ug/L	50.0	1	11/27/05 09:00	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	98 %					11/27/05 09:00	SW846 8015B	kc	5114480

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NOK2297-05 (MW-6 - Ground Water) Sampled: 11/16/05 10:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Ethylbenzene	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 20:50	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 20:50	SW846 8260B	BH	5114541
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	111 %					11/29/05 20:50	SW846 8260B	BH	5114541
Surrogate: Dibromofluoromethane (79-122%)	121 %					11/29/05 20:50	SW846 8260B	BH	5114541
Surrogate: Toluene-d8 (78-121%)	101 %					11/29/05 20:50	SW846 8260B	BH	5114541
Surrogate: 4-Bromofluorobenzene (78-126%)	96 %					11/29/05 20:50	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 09:20	SW846 8015B	kc	5114480
Surrogate: a,a,a-Trifluorotoluene (63-134%)	100 %					11/27/05 09:20	SW846 8015B	kc	5114480

Sample ID: NOK2297-06 (MW-7 - Ground Water) Sampled: 11/16/05 10:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 21:19	SW846 8260B	BH	5114541
Benzene	1890		ug/L	20.0	20	11/30/05 21:18	SW846 8260B	CJ	5114971
Ethylbenzene	2480		ug/L	20.0	20	11/30/05 21:18	SW846 8260B	CJ	5114971
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 21:19	SW846 8260B	BH	5114541
Toluene	761		ug/L	20.0	20	11/30/05 21:18	SW846 8260B	CJ	5114971
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 21:19	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/29/05 21:19	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 21:19	SW846 8260B	BH	5114541
Xylenes, total	458		ug/L	1.00	1	11/29/05 21:19	SW846 8260B	BH	5114541
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	93 %					11/29/05 21:19	SW846 8260B	BH	5114541
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	90 %					11/30/05 21:18	SW846 8260B	CJ	5114971
Surrogate: Dibromofluoromethane (79-122%)	90 %					11/29/05 21:19	SW846 8260B	BH	5114541
Surrogate: Dibromofluoromethane (79-122%)	96 %					11/30/05 21:18	SW846 8260B	CJ	5114971
Surrogate: Toluene-d8 (78-121%)	98 %					11/29/05 21:19	SW846 8260B	BH	5114541
Surrogate: Toluene-d8 (78-121%)	115 %					11/30/05 21:18	SW846 8260B	CJ	5114971
Surrogate: 4-Bromofluorobenzene (78-126%)	83 %					11/29/05 21:19	SW846 8260B	BH	5114541
Surrogate: 4-Bromofluorobenzene (78-126%)	107 %					11/30/05 21:18	SW846 8260B	CJ	5114971

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	15000		ug/L	1000	20	11/28/05 14:17	SW846 8015B	kc	5114595
Surrogate: a,a,a-Trifluorotoluene (63-134%)	101 %					11/28/05 14:17	SW846 8015B	kc	5114595

Sample ID: NOK2297-07 (MW-8 - Ground Water) Sampled: 11/16/05 11:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Benzene	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Date/Time	Analysis Method	Analyst	Batch
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Sample ID: NOK2297-07 (MW-8 - Ground Water) - cont. Sampled: 11/16/05 11:00

Selected Volatile Organic Compounds by EPA Method 8260B - cont.

Ethylbenzene	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Toluene	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Xylenes, total	ND		ug/L	1.00	1	11/30/05 18:51	SW846 8260B	CJ	5114971
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	97 %					11/30/05 18:51	SW846 8260B	CJ	5114971
Surrogate: Dibromofluoromethane (79-122%)	100 %					11/30/05 18:51	SW846 8260B	CJ	5114971
Surrogate: Toluene-d8 (78-121%)	107 %					11/30/05 18:51	SW846 8260B	CJ	5114971
Surrogate: 4-Bromofluorobenzene (78-126%)	120 %					11/30/05 18:51	SW846 8260B	CJ	5114971

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 09:56	SW846 8015B	kc	5114480
Surrogate: a,a,a-Trifluorotoluene (63-134%)	100 %					11/27/05 09:56	SW846 8015B	kc	5114480

Sample ID: NOK2297-08 (MW-9 - Ground Water) Sampled: 11/16/05 11:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 03:06	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 03:06	SW846 8260B	BH	5115098
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	114 %					11/30/05 03:06	SW846 8260B	BH	5115098
Surrogate: Dibromofluoromethane (79-122%)	108 %					11/30/05 03:06	SW846 8260B	BH	5115098
Surrogate: Toluene-d8 (78-121%)	101 %					11/30/05 03:06	SW846 8260B	BH	5115098
Surrogate: 4-Bromofluorobenzene (78-126%)	99 %					11/30/05 03:06	SW846 8260B	BH	5115098

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 10:11	SW846 8015B	kc	5114480
Surrogate: a,a,a-Trifluorotoluene (63-134%)	99 %					11/27/05 10:11	SW846 8015B	kc	5114480

Sample ID: NOK2297-09 (MW-10 - Ground Water) Sampled: 11/16/05 12:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	21.2		ug/L	2.00	1	11/30/05 03:35	SW846 8260B	BH	5115098

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Date/Time	Method	Analyst	Batch
Sample ID: NOK2297-09 (MW-10 - Ground Water) - cont. Sampled: 11/16/05 12:00									
Oxygenates by EPA 8260B - cont.									
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 03:35	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 03:35	SW846 8260B	BH	5115098
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	112 %					11/30/05 03:35	SW846 8260B	BH	5115098
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	122 %					11/30/05 03:35	SW846 8260B	BH	5115098
<i>Surrogate: Toluene-d8 (78-121%)</i>	100 %					11/30/05 03:35	SW846 8260B	BH	5115098
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	97 %					11/30/05 03:35	SW846 8260B	BH	5115098
Purgeable Petroleum Hydrocarbons									
GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 10:31	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	100 %					11/27/05 10:31	SW846 8015B	kc	5114480
Sample ID: NOK2297-10 (MW-11 - Ground Water) Sampled: 11/16/05 12:30									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	9.35		ug/L	2.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 04:04	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 04:04	SW846 8260B	BH	5115098
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	110 %					11/30/05 04:04	SW846 8260B	BH	5115098
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	121 %					11/30/05 04:04	SW846 8260B	BH	5115098
<i>Surrogate: Toluene-d8 (78-121%)</i>	101 %					11/30/05 04:04	SW846 8260B	BH	5115098
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	98 %					11/30/05 04:04	SW846 8260B	BH	5115098
Purgeable Petroleum Hydrocarbons									
GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 10:46	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	99 %					11/27/05 10:46	SW846 8015B	kc	5114480
Sample ID: NOK2297-11 (MW-13 - Ground Water) Sampled: 11/16/05 13:30									
Oxygenates by EPA 8260B									
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 04:33	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 04:33	SW846 8260B	BH	5115098
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	111 %					11/30/05 04:33	SW846 8260B	BH	5115098
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	120 %					11/30/05 04:33	SW846 8260B	BH	5115098
<i>Surrogate: Toluene-d8 (78-121%)</i>	100 %					11/30/05 04:33	SW846 8260B	BH	5115098
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	99 %					11/30/05 04:33	SW846 8260B	BH	5115098

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NOK2297-11 (MW-13 - Ground Water) - cont. Sampled: 11/16/05 13:30

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 11:06	SW846 8015B	kc	5114480
Surrogate: <i>a,a,a-Trifluorotoluene</i> (63-134%)	102 %					11/27/05 11:06	SW846 8015B	kc	5114480

Sample ID: NOK2297-12 (MW-14 - Ground Water) Sampled: 11/16/05 14:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Benzene	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Toluene	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Xylenes, total	ND		ug/L	1.00	1	11/30/05 19:20	SW846 8260B	CJ	5114971
Surrogate: <i>1,2-Dichloroethane-d4</i> (70-130%)	98 %					11/30/05 19:20	SW846 8260B	CJ	5114971
Surrogate: <i>Dibromofluoromethane</i> (79-122%)	101 %					11/30/05 19:20	SW846 8260B	CJ	5114971
Surrogate: <i>Toluene-d8</i> (78-121%)	110 %					11/30/05 19:20	SW846 8260B	CJ	5114971
Surrogate: <i>4-Bromofluorobenzene</i> (78-126%)	107 %					11/30/05 19:20	SW846 8260B	CJ	5114971

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 11:21	SW846 8015B	kc	5114480
Surrogate: <i>a,a,a-Trifluorotoluene</i> (63-134%)	101 %					11/27/05 11:21	SW846 8015B	kc	5114480

Sample ID: NOK2297-13 (MW-15 - Ground Water) Sampled: 11/16/05 14:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 07:55	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 07:55	SW846 8260B	BH	5115098
Surrogate: <i>1,2-Dichloroethane-d4</i> (70-130%)	108 %					11/30/05 07:55	SW846 8260B	BH	5115098
Surrogate: <i>Dibromofluoromethane</i> (79-122%)	108 %					11/30/05 07:55	SW846 8260B	BH	5115098
Surrogate: <i>Toluene-d8</i> (78-121%)	101 %					11/30/05 07:55	SW846 8260B	BH	5115098
Surrogate: <i>4-Bromofluorobenzene</i> (78-126%)	96 %					11/30/05 07:55	SW846 8260B	BH	5115098

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 11:41	SW846 8015B	kc	5114480
Surrogate: <i>a,a,a-Trifluorotoluene</i> (63-134%)	100 %					11/27/05 11:41	SW846 8015B	kc	5114480

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NOK2297-14 (MW-16 - Ground Water) Sampled: 11/16/05 15:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	70.4		ug/L	2.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 08:24	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 08:24	SW846 8260B	BH	5115098
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	107 %					11/30/05 08:24	SW846 8260B	BH	5115098
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	108 %					11/30/05 08:24	SW846 8260B	BH	5115098
<i>Surrogate: Toluene-d8 (78-121%)</i>	100 %					11/30/05 08:24	SW846 8260B	BH	5115098
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	97 %					11/30/05 08:24	SW846 8260B	BH	5115098

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 11:56	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	102 %					11/27/05 11:56	SW846 8015B	kc	5114480

Sample ID: NOK2297-15 (MW-17 - Ground Water) Sampled: 11/16/05 15:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Benzene	103		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Ethylbenzene	20.2		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Toluene	1.75		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	12.6		ug/L	2.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	530		ug/L	10.0	1	11/30/05 08:52	SW846 8260B	BH	5115098
Xylenes, total	2.79		ug/L	1.00	1	11/30/05 08:52	SW846 8260B	BH	5115098
<i>Surrogate: 1,2-Dichloroethane-d4 (70-130%)</i>	107 %					11/30/05 08:52	SW846 8260B	BH	5115098
<i>Surrogate: Dibromofluoromethane (79-122%)</i>	117 %					11/30/05 08:52	SW846 8260B	BH	5115098
<i>Surrogate: Toluene-d8 (78-121%)</i>	102 %					11/30/05 08:52	SW846 8260B	BH	5115098
<i>Surrogate: 4-Bromofluorobenzene (78-126%)</i>	98 %					11/30/05 08:52	SW846 8260B	BH	5115098

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	635		ug/L	50.0	1	11/27/05 12:17	SW846 8015B	kc	5114480
<i>Surrogate: a,a,a-Trifluorotoluene (63-134%)</i>	102 %					11/27/05 12:17	SW846 8015B	kc	5114480

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
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Sample ID: NOK2297-16 (MW-18 - Ground Water) Sampled: 11/16/05 16:00

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Benzene	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Ethylbenzene	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Toluene	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Isopropyl Ether	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/30/05 09:21	SW846 8260B	BH	5115098
Xylenes, total	ND		ug/L	1.00	1	11/30/05 09:21	SW846 8260B	BH	5115098
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	108 %					11/30/05 09:21	SW846 8260B	BH	5115098
Surrogate: Dibromofluoromethane (79-122%)	118 %					11/30/05 09:21	SW846 8260B	BH	5115098
Surrogate: Toluene-d8 (78-121%)	101 %					11/30/05 09:21	SW846 8260B	BH	5115098
Surrogate: 4-Bromofluorobenzene (78-126%)	104 %					11/30/05 09:21	SW846 8260B	BH	5115098

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 12:32	SW846 8015B	kc	5114480
Surrogate: a,a,a-Trifluorotoluene (63-134%)	101 %					11/27/05 12:32	SW846 8015B	kc	5114480

Sample ID: NOK2297-17 (MW-19 - Ground Water) Sampled: 11/16/05 16:30

Oxygenates by EPA 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Benzene	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Ethylbenzene	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Toluene	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Isopropyl Ether	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Methyl tert-Butyl Ether	ND		ug/L	2.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	11/29/05 15:33	SW846 8260B	BH	5114541
Xylenes, total	ND		ug/L	1.00	1	11/29/05 15:33	SW846 8260B	BH	5114541
Surrogate: 1,2-Dichloroethane-d4 (70-130%)	109 %					11/29/05 15:33	SW846 8260B	BH	5114541
Surrogate: Dibromofluoromethane (79-122%)	106 %					11/29/05 15:33	SW846 8260B	BH	5114541
Surrogate: Toluene-d8 (78-121%)	98 %					11/29/05 15:33	SW846 8260B	BH	5114541
Surrogate: 4-Bromofluorobenzene (78-126%)	95 %					11/29/05 15:33	SW846 8260B	BH	5114541

Purgeable Petroleum Hydrocarbons

GRO as Gasoline	ND		ug/L	50.0	1	11/27/05 12:52	SW846 8015B	kc	5114480
Surrogate: a,a,a-Trifluorotoluene (63-134%)	101 %					11/27/05 12:52	SW846 8015B	kc	5114480

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:45061119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Oxygenates by EPA 8260B
5114541-BLK1

Tert-Amyl Methyl Ether	<0.350	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Benzene	<0.290	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Ethylbenzene	<0.340	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Ethyl tert-Butyl Ether	<0.410	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Toluene	<0.280	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Isopropyl Ether	<0.300	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Methyl tert-Butyl Ether	<0.170	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Tertiary Butyl Alcohol	<6.29	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Xylenes, total	<0.820	ug/L	5114541	5114541-BLK1	11/28/05 14:14
Surrogate: 1,2-Dichloroethane-d4	112%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: 1,2-Dichloroethane-d4	112%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: Dibromofluoromethane	106%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: Dibromofluoromethane	106%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: Toluene-d8	103%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: Toluene-d8	103%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: 4-Bromofluorobenzene	103%		5114541	5114541-BLK1	11/28/05 14:14
Surrogate: 4-Bromofluorobenzene	103%		5114541	5114541-BLK1	11/28/05 14:14

5114541-BLK2

Tert-Amyl Methyl Ether	<0.350	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Benzene	<0.290	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Ethylbenzene	<0.340	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Ethyl tert-Butyl Ether	<0.410	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Toluene	<0.280	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Isopropyl Ether	<0.300	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Methyl tert-Butyl Ether	<0.170	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Tertiary Butyl Alcohol	<6.29	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Xylenes, total	<0.820	ug/L	5114541	5114541-BLK2	11/29/05 13:08
Surrogate: 1,2-Dichloroethane-d4	108%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: 1,2-Dichloroethane-d4	108%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: Dibromofluoromethane	108%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: Dibromofluoromethane	108%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: Toluene-d8	99%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: Toluene-d8	99%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: 4-Bromofluorobenzene	97%		5114541	5114541-BLK2	11/29/05 13:08
Surrogate: 4-Bromofluorobenzene	97%		5114541	5114541-BLK2	11/29/05 13:08

5114971-BLK1

Tert-Amyl Methyl Ether	<0.350	ug/L	5114971	5114971-BLK1	11/30/05 17:52
Benzene	<0.290	ug/L	5114971	5114971-BLK1	11/30/05 17:52
Ethylbenzene	<0.340	ug/L	5114971	5114971-BLK1	11/30/05 17:52
Ethyl tert-Butyl Ether	<0.410	ug/L	5114971	5114971-BLK1	11/30/05 17:52

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
5114971-BLK1						
Toluene	<0.280		ug/L	5114971	5114971-BLK1	11/30/05 17:52
Isopropyl Ether	<0.300		ug/L	5114971	5114971-BLK1	11/30/05 17:52
Methyl tert-Butyl Ether	<0.170		ug/L	5114971	5114971-BLK1	11/30/05 17:52
Tertiary Butyl Alcohol	<6.29		ug/L	5114971	5114971-BLK1	11/30/05 17:52
Xylenes, total	<0.820		ug/L	5114971	5114971-BLK1	11/30/05 17:52
Surrogate: 1,2-Dichloroethane-d4	93%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: 1,2-Dichloroethane-d4	93%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: Dibromofluoromethane	101%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: Dibromofluoromethane	101%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: Toluene-d8	98%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: Toluene-d8	98%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: 4-Bromofluorobenzene	99%			5114971	5114971-BLK1	11/30/05 17:52
Surrogate: 4-Bromofluorobenzene	99%			5114971	5114971-BLK1	11/30/05 17:52
5115098-BLK1						
Tert-Amyl Methyl Ether	<0.350		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Benzene	<0.290		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Ethylbenzene	<0.340		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Ethyl tert-Butyl Ether	<0.410		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Toluene	<0.280		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Isopropyl Ether	<0.300		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Methyl tert-Butyl Ether	<0.170		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Tertiary Butyl Alcohol	<6.29		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Xylenes, total	<0.820		ug/L	5115098	5115098-BLK1	11/30/05 02:37
Surrogate: 1,2-Dichloroethane-d4	108%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: 1,2-Dichloroethane-d4	108%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: Dibromofluoromethane	119%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: Dibromofluoromethane	119%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: Toluene-d8	100%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: Toluene-d8	100%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: 4-Bromofluorobenzene	97%			5115098	5115098-BLK1	11/30/05 02:37
Surrogate: 4-Bromofluorobenzene	97%			5115098	5115098-BLK1	11/30/05 02:37
Purgeable Petroleum Hydrocarbons						
5114480-BLK1						
GRO as Gasoline	<33.0		ug/L	5114480	5114480-BLK1	11/27/05 06:59
Surrogate: a,a,a-Trifluorotoluene	101%			5114480	5114480-BLK1	11/27/05 06:59
5114595-BLK1						
GRO as Gasoline	<33.0		ug/L	5114595	5114595-BLK1	11/28/05 12:31
Surrogate: a,a,a-Trifluorotoluene	99%			5114595	5114595-BLK1	11/28/05 12:31

TestAmerica

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
5114595-BLK2						
GRO as Gasoline	<33.0		ug/L	5114595	5114595-BLK2	11/28/05 12:46
Surrogate: <i>a,a,a</i> -Trifluorotoluene	99%			5114595	5114595-BLK2	11/28/05 12:46

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Oxygenates by EPA 8260B								
5114541-BS1								
Tert-Amyl Methyl Ether	50.0	57.8		ug/L	116%	63 - 133	5114541	11/28/05 12:47
Benzene	50.0	54.1		ug/L	108%	78 - 122	5114541	11/28/05 12:47
Ethylbenzene	50.0	50.7		ug/L	101%	82 - 122	5114541	11/28/05 12:47
Ethyl tert-Butyl Ether	50.0	55.5		ug/L	111%	63 - 141	5114541	11/28/05 12:47
Toluene	50.0	46.5		ug/L	93%	80 - 120	5114541	11/28/05 12:47
Isopropyl Ether	50.0	54.0		ug/L	108%	79 - 130	5114541	11/28/05 12:47
Methyl tert-Butyl Ether	50.0	53.6		ug/L	107%	66 - 136	5114541	11/28/05 12:47
Tertiary Butyl Alcohol	500	378		ug/L	76%	41 - 160	5114541	11/28/05 12:47
Xylenes, total	150	156		ug/L	104%	81 - 125	5114541	11/28/05 12:47
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	56.5			113%	70 - 130	5114541	11/28/05 12:47
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	56.5			113%	70 - 130	5114541	11/28/05 12:47
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.3			105%	79 - 122	5114541	11/28/05 12:47
<i>Surrogate: Dibromofluoromethane</i>	50.0	52.3			105%	79 - 122	5114541	11/28/05 12:47
<i>Surrogate: Toluene-d8</i>	50.0	51.2			102%	78 - 121	5114541	11/28/05 12:47
<i>Surrogate: Toluene-d8</i>	50.0	51.2			102%	78 - 121	5114541	11/28/05 12:47
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	51.5			103%	78 - 126	5114541	11/28/05 12:47
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	51.5			103%	78 - 126	5114541	11/28/05 12:47
5114541-BS2								
Tert-Amyl Methyl Ether	50.0	54.8		ug/L	110%	63 - 133	5114541	11/29/05 11:42
Benzene	50.0	53.8		ug/L	108%	78 - 122	5114541	11/29/05 11:42
Ethylbenzene	50.0	50.6		ug/L	101%	82 - 122	5114541	11/29/05 11:42
Ethyl tert-Butyl Ether	50.0	51.4		ug/L	103%	63 - 141	5114541	11/29/05 11:42
Toluene	50.0	46.2		ug/L	92%	80 - 120	5114541	11/29/05 11:42
Isopropyl Ether	50.0	51.0		ug/L	102%	79 - 130	5114541	11/29/05 11:42
Methyl tert-Butyl Ether	50.0	53.2		ug/L	106%	66 - 136	5114541	11/29/05 11:42
Tertiary Butyl Alcohol	500	551		ug/L	110%	41 - 160	5114541	11/29/05 11:42
Xylenes, total	150	155		ug/L	103%	81 - 125	5114541	11/29/05 11:42
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	54.9			110%	70 - 130	5114541	11/29/05 11:42
<i>Surrogate: 1,2-Dichloroethane-d4</i>	50.0	54.9			110%	70 - 130	5114541	11/29/05 11:42
<i>Surrogate: Dibromofluoromethane</i>	50.0	53.6			107%	79 - 122	5114541	11/29/05 11:42
<i>Surrogate: Dibromofluoromethane</i>	50.0	53.6			107%	79 - 122	5114541	11/29/05 11:42
<i>Surrogate: Toluene-d8</i>	50.0	49.1			98%	78 - 121	5114541	11/29/05 11:42
<i>Surrogate: Toluene-d8</i>	50.0	49.1			98%	78 - 121	5114541	11/29/05 11:42
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	49.3			99%	78 - 126	5114541	11/29/05 11:42
<i>Surrogate: 4-Bromofluorobenzene</i>	50.0	49.3			99%	78 - 126	5114541	11/29/05 11:42
5114971-BS1								
Tert-Amyl Methyl Ether	50.0	42.2		ug/L	84%	63 - 133	5114971	11/30/05 15:25
Benzene	50.0	54.5		ug/L	109%	78 - 122	5114971	11/30/05 15:25
Ethylbenzene	50.0	59.4		ug/L	119%	82 - 122	5114971	11/30/05 15:25
Ethyl tert-Butyl Ether	50.0	41.1		ug/L	82%	63 - 141	5114971	11/30/05 15:25

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
5114971-BS1								
Toluene	50.0	55.7		ug/L	111%	80 - 120	5114971	11/30/05 15:25
Isopropyl Ether	50.0	54.8		ug/L	110%	79 - 130	5114971	11/30/05 15:25
Methyl tert-Butyl Ether	50.0	44.6		ug/L	89%	66 - 136	5114971	11/30/05 15:25
Tertiary Butyl Alcohol	500	627		ug/L	125%	41 - 160	5114971	11/30/05 15:25
Xylenes, total	150	164		ug/L	109%	81 - 125	5114971	11/30/05 15:25
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	5114971	11/30/05 15:25
Surrogate: 1,2-Dichloroethane-d4	50.0	45.8			92%	70 - 130	5114971	11/30/05 15:25
Surrogate: Dibromofluoromethane	50.0	49.8			100%	79 - 122	5114971	11/30/05 15:25
Surrogate: Dibromofluoromethane	50.0	49.8			100%	79 - 122	5114971	11/30/05 15:25
Surrogate: Toluene-d8	50.0	53.5			107%	78 - 121	5114971	11/30/05 15:25
Surrogate: Toluene-d8	50.0	53.5			107%	78 - 121	5114971	11/30/05 15:25
Surrogate: 4-Bromofluorobenzene	50.0	47.9			96%	78 - 126	5114971	11/30/05 15:25
Surrogate: 4-Bromofluorobenzene	50.0	47.9			96%	78 - 126	5114971	11/30/05 15:25
5115098-BS1								
Tert-Amyl Methyl Ether	50.0	54.0		ug/L	108%	63 - 133	5115098	11/29/05 23:15
Benzene	50.0	52.8		ug/L	106%	78 - 122	5115098	11/29/05 23:15
Ethylbenzene	50.0	50.7		ug/L	101%	82 - 122	5115098	11/29/05 23:15
Ethyl tert-Butyl Ether	50.0	51.8		ug/L	104%	63 - 141	5115098	11/29/05 23:15
Toluene	50.0	47.8		ug/L	96%	80 - 120	5115098	11/29/05 23:15
Isopropyl Ether	50.0	50.8		ug/L	102%	79 - 130	5115098	11/29/05 23:15
Methyl tert-Butyl Ether	50.0	53.6		ug/L	107%	66 - 136	5115098	11/29/05 23:15
Tertiary Butyl Alcohol	500	596		ug/L	119%	41 - 160	5115098	11/29/05 23:15
Xylenes, total	150	156		ug/L	104%	81 - 125	5115098	11/29/05 23:15
Surrogate: 1,2-Dichloroethane-d4	50.0	55.0			110%	70 - 130	5115098	11/29/05 23:15
Surrogate: 1,2-Dichloroethane-d4	50.0	55.0			110%	70 - 130	5115098	11/29/05 23:15
Surrogate: Dibromofluoromethane	50.0	53.9			108%	79 - 122	5115098	11/29/05 23:15
Surrogate: Dibromofluoromethane	50.0	53.9			108%	79 - 122	5115098	11/29/05 23:15
Surrogate: Toluene-d8	50.0	50.6			101%	78 - 121	5115098	11/29/05 23:15
Surrogate: Toluene-d8	50.0	50.6			101%	78 - 121	5115098	11/29/05 23:15
Surrogate: 4-Bromofluorobenzene	50.0	49.0			98%	78 - 126	5115098	11/29/05 23:15
Surrogate: 4-Bromofluorobenzene	50.0	49.0			98%	78 - 126	5115098	11/29/05 23:15
Purgeable Petroleum Hydrocarbons								
5114480-BS1								
GRO as Gasoline	1000	915		ug/L	92%	68 - 128	5114480	11/27/05 14:02
Surrogate: a,a,a-Trifluorotoluene	30.0	30.6			102%	63 - 134	5114480	11/27/05 14:02
5114595-BS1								
GRO as Gasoline	1000	1040		ug/L	104%	68 - 128	5114595	11/29/05 02:03
Surrogate: a,a,a-Trifluorotoluene	30.0	30.8			103%	63 - 134	5114595	11/29/05 02:03

TestAmerica

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
5114595-BS2								
GRO as Gasoline	1000	1070		ug/L	107%	68 - 128	5114595	11/29/05 02:19
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	31.1			104%	63 - 134	5114595	11/29/05 02:19

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Oxygenates by EPA 8260B										
5114541-MS1										
Tert-Amyl Methyl Ether										
Benzene	ND	59.6		ug/L	50.0	119%	49 - 149	5114541	NOK2285-02	11/29/05 23:44
Ethylbenzene	ND	56.1		ug/L	50.0	112%	74 - 133	5114541	NOK2285-02	11/29/05 23:44
Ethyl tert-Butyl Ether	ND	54.2		ug/L	50.0	108%	74 - 134	5114541	NOK2285-02	11/29/05 23:44
Toluene	ND	57.8		ug/L	50.0	116%	57 - 155	5114541	NOK2285-02	11/29/05 23:44
Isopropyl Ether	ND	50.8		ug/L	50.0	102%	73 - 133	5114541	NOK2285-02	11/29/05 23:44
Methyl tert-Butyl Ether	ND	55.2		ug/L	50.0	110%	67 - 139	5114541	NOK2285-02	11/29/05 23:44
Tertiary Butyl Alcohol	9.11	68.0		ug/L	50.0	118%	58 - 151	5114541	NOK2285-02	11/29/05 23:44
Xylenes, total	ND	653		ug/L	500	131%	10 - 186	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		166		ug/L	150	111%	68 - 139	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: 1,2-Dichloroethane-d4</i>		54.2		ug/L	50.0	108%	70 - 130	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: Dibromofluoromethane</i>		54.2		ug/L	50.0	108%	70 - 130	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: Dibromofluoromethane</i>		57.8		ug/L	50.0	116%	79 - 122	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: Toluene-d8</i>		57.8		ug/L	50.0	116%	79 - 122	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: Toluene-d8</i>		50.5		ug/L	50.0	101%	78 - 121	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: Toluene-d8</i>		50.5		ug/L	50.0	101%	78 - 121	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: 4-Bromofluorobenzene</i>		47.4		ug/L	50.0	95%	78 - 126	5114541	NOK2285-02	11/29/05 23:44
<i>Surrogate: 4-Bromofluorobenzene</i>		47.4		ug/L	50.0	95%	78 - 126	5114541	NOK2285-02	11/29/05 23:44
5114541-MS2										
Tert-Amyl Methyl Ether	ND	57.7		ug/L	50.0	115%	49 - 149	5114541	NOK2297-17	11/29/05 00:41
Benzene	ND	56.5		ug/L	50.0	113%	74 - 133	5114541	NOK2297-17	11/29/05 00:41
Ethylbenzene	ND	51.7		ug/L	50.0	103%	74 - 134	5114541	NOK2297-17	11/29/05 00:41
Ethyl tert-Butyl Ether	ND	55.5		ug/L	50.0	111%	57 - 155	5114541	NOK2297-17	11/29/05 00:41
Toluene	ND	48.8		ug/L	50.0	98%	73 - 133	5114541	NOK2297-17	11/29/05 00:41
Isopropyl Ether	ND	52.6		ug/L	50.0	105%	67 - 139	5114541	NOK2297-17	11/29/05 00:41
Methyl tert-Butyl Ether	ND	54.7		ug/L	50.0	109%	58 - 151	5114541	NOK2297-17	11/29/05 00:41
Tertiary Butyl Alcohol	ND	572		ug/L	500	114%	10 - 186	5114541	NOK2297-17	11/29/05 00:41
Xylenes, total	ND	160		ug/L	150	107%	68 - 139	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>		55.2		ug/L	50.0	110%	70 - 130	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: 1,2-Dichloroethane-d4</i>		55.2		ug/L	50.0	110%	70 - 130	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: Dibromofluoromethane</i>		53.6		ug/L	50.0	107%	79 - 122	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: Dibromofluoromethane</i>		53.6		ug/L	50.0	107%	79 - 122	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: Toluene-d8</i>		50.1		ug/L	50.0	100%	78 - 121	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: Toluene-d8</i>		50.1		ug/L	50.0	100%	78 - 121	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: 4-Bromofluorobenzene</i>		47.9		ug/L	50.0	96%	78 - 126	5114541	NOK2297-17	11/29/05 00:41
<i>Surrogate: 4-Bromofluorobenzene</i>		47.9		ug/L	50.0	96%	78 - 126	5114541	NOK2297-17	11/29/05 00:41

5114971-MS1

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
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Oxygenates by EPA 8260B
5114971-MS1

Tert-Amyl Methyl Ether	ND	40.7		ug/L	50.0	81%	49 - 149	5114971	NOK2624-01	12/01/05 02:12
Benzene	ND	54.2		ug/L	50.0	108%	74 - 133	5114971	NOK2624-01	12/01/05 02:12
Ethylbenzene	ND	62.4		ug/L	50.0	125%	74 - 134	5114971	NOK2624-01	12/01/05 02:12
Ethyl tert-Butyl Ether	ND	38.5		ug/L	50.0	77%	57 - 155	5114971	NOK2624-01	12/01/05 02:12
Toluene	ND	56.5		ug/L	50.0	113%	73 - 133	5114971	NOK2624-01	12/01/05 02:12
Isopropyl Ether	ND	51.7		ug/L	50.0	103%	67 - 139	5114971	NOK2624-01	12/01/05 02:12
Methyl tert-Butyl Ether	1.35	42.0		ug/L	50.0	81%	58 - 151	5114971	NOK2624-01	12/01/05 02:12
Tertiary Butyl Alcohol	129	611		ug/L	500	96%	10 - 186	5114971	NOK2624-01	12/01/05 02:12
Xylenes, total	ND	170		ug/L	150	113%	68 - 139	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.4		ug/L	50.0	93%	70 - 130	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: 1,2-Dichloroethane-d4</i>		46.4		ug/L	50.0	93%	70 - 130	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: Dibromofluoromethane</i>		49.7		ug/L	50.0	99%	79 - 122	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: Dibromofluoromethane</i>		49.7		ug/L	50.0	99%	79 - 122	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: Toluene-d8</i>		54.6		ug/L	50.0	109%	78 - 121	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: Toluene-d8</i>		54.6		ug/L	50.0	109%	78 - 121	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: 4-Bromofluorobenzene</i>		47.2		ug/L	50.0	94%	78 - 126	5114971	NOK2624-01	12/01/05 02:12
<i>Surrogate: 4-Bromofluorobenzene</i>		47.2		ug/L	50.0	94%	78 - 126	5114971	NOK2624-01	12/01/05 02:12

Purgeable Petroleum Hydrocarbons
5114480-MS1

GRO as Gasoline	1.10	943		ug/L	1000	94%	43 - 146	5114480	NOK2297-02	11/27/05 13:27
<i>Surrogate: a,a,a-Trifluorotoluene</i>		31.1		ug/L	30.0	104%	63 - 134	5114480	NOK2297-02	11/27/05 13:27

5114595-MS1

GRO as Gasoline	1140	2250		ug/L	1000	111%	43 - 146	5114595	NOK2346-10	11/29/05 00:53
<i>Surrogate: a,a,a-Trifluorotoluene</i>		29.5		ug/L	30.0	98%	63 - 134	5114595	NOK2346-10	11/29/05 00:53

5114595-MS2

GRO as Gasoline	54.7	1020		ug/L	1000	97%	43 - 146	5114595	NOK2538-01	11/29/05 01:28
<i>Surrogate: a,a,a-Trifluorotoluene</i>		29.5		ug/L	30.0	98%	63 - 134	5114595	NOK2538-01	11/29/05 01:28

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA Matrix Spike Dup

Analyte	Orig.	Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time	
Oxygenates by EPA 8260B													
5114541-MSD1													
Tert-Amyl Methyl Ether	ND	56.4			ug/L	50.0	113%	49 - 149	6	20	5114541	NOK2285-02	11/29/05 00:12
Benzene	ND	54.7			ug/L	50.0	109%	74 - 133	3	19	5114541	NOK2285-02	11/29/05 00:12
Ethylbenzene	ND	51.4			ug/L	50.0	103%	74 - 134	5	21	5114541	NOK2285-02	11/29/05 00:12
Ethyl tert-Butyl Ether	ND	55.6			ug/L	50.0	111%	57 - 155	4	19	5114541	NOK2285-02	11/29/05 00:12
Toluene	ND	48.2			ug/L	50.0	96%	73 - 133	5	20	5114541	NOK2285-02	11/29/05 00:12
Isopropyl Ether	ND	53.1			ug/L	50.0	106%	67 - 139	4	17	5114541	NOK2285-02	11/29/05 00:12
Methyl tert-Butyl Ether	9.11	64.2			ug/L	50.0	110%	58 - 151	6	28	5114541	NOK2285-02	11/29/05 00:12
Tertiary Butyl Alcohol	ND	613			ug/L	500	123%	10 - 186	6	37	5114541	NOK2285-02	11/29/05 00:12
Xylenes, total	ND	156			ug/L	150	104%	68 - 139	6	23	5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: 1,2-Dichloroethane-d4</i>		56.7			ug/L	50.0	113%	70 - 130			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: 1,2-Dichloroethane-d4</i>		56.7			ug/L	50.0	113%	70 - 130			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: Dibromofluoromethane</i>		53.6			ug/L	50.0	107%	79 - 122			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: Dibromofluoromethane</i>		53.6			ug/L	50.0	107%	79 - 122			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: Toluene-d8</i>		50.2			ug/L	50.0	100%	78 - 121			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: Toluene-d8</i>		50.2			ug/L	50.0	100%	78 - 121			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: 4-Bromofluorobenzene</i>		47.0			ug/L	50.0	94%	78 - 126			5114541	NOK2285-02	11/29/05 00:12
<i>Surrogate: 4-Bromofluorobenzene</i>		47.0			ug/L	50.0	94%	78 - 126			5114541	NOK2285-02	11/29/05 00:12
5114541-MSD2													
Tert-Amyl Methyl Ether	ND	54.8			ug/L	50.0	110%	49 - 149	5	20	5114541	NOK2297-17	11/29/05 01:10
Benzene	ND	52.9			ug/L	50.0	106%	74 - 133	7	19	5114541	NOK2297-17	11/29/05 01:10
Ethylbenzene	ND	50.4			ug/L	50.0	101%	74 - 134	3	21	5114541	NOK2297-17	11/29/05 01:10
Ethyl tert-Butyl Ether	ND	55.2			ug/L	50.0	110%	57 - 155	0.5	19	5114541	NOK2297-17	11/29/05 01:10
Toluene	ND	46.6			ug/L	50.0	93%	73 - 133	5	20	5114541	NOK2297-17	11/29/05 01:10
Isopropyl Ether	ND	53.4			ug/L	50.0	107%	67 - 139	2	17	5114541	NOK2297-17	11/29/05 01:10
Methyl tert-Butyl Ether	ND	54.4			ug/L	50.0	109%	58 - 151	0.5	28	5114541	NOK2297-17	11/29/05 01:10
Tertiary Butyl Alcohol	ND	596			ug/L	500	119%	10 - 186	4	37	5114541	NOK2297-17	11/29/05 01:10
Xylenes, total	ND	154			ug/L	150	103%	68 - 139	4	23	5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		58.4			ug/L	50.0	117%	70 - 130			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: 1,2-Dichloroethane-d4</i>		58.4			ug/L	50.0	117%	70 - 130			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: Dibromofluoromethane</i>		53.8			ug/L	50.0	108%	79 - 122			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: Dibromofluoromethane</i>		53.8			ug/L	50.0	108%	79 - 122			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: Toluene-d8</i>		50.6			ug/L	50.0	101%	78 - 121			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: Toluene-d8</i>		50.6			ug/L	50.0	101%	78 - 121			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: 4-Bromofluorobenzene</i>		50.5			ug/L	50.0	101%	78 - 126			5114541	NOK2297-17	11/29/05 01:10
<i>Surrogate: 4-Bromofluorobenzene</i>		50.5			ug/L	50.0	101%	78 - 126			5114541	NOK2297-17	11/29/05 01:10
5114971-MSD1													
Tert-Amyl Methyl Ether	ND	46.3			ug/L	50.0	93%	49 - 149	13	20	5114971	NOK2624-01	12/01/05 02:41
Benzene	ND	59.3			ug/L	50.0	119%	74 - 133	9	19	5114971	NOK2624-01	12/01/05 02:41
Ethylbenzene	ND	69.7	M7		ug/L	50.0	139%	74 - 134	11	21	5114971	NOK2624-01	12/01/05 02:41
Ethyl tert-Butyl Ether	ND	44.8			ug/L	50.0	90%	57 - 155	15	19	5114971	NOK2624-01	12/01/05 02:41

Client ETIC Engineering Pasadena (10324)
 2774 East Walnut Street
 Pasadena, CA 91107
 Attn Patrick McCullough

Work Order: NOK2297
 Project Name: Exxon 18-HE1 PO:4506119410
 Project Number: 18-HE1
 Received: 11/18/05 07:55

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B											
5114971-MSD1											
Toluene	ND	63.9		ug/L	50.0	128%	73 - 133	12	20	5114971	NOK2624-01 12/01/05 02:41
Isopropyl Ether	ND	59.0		ug/L	50.0	118%	67 - 139	13	17	5114971	NOK2624-01 12/01/05 02:41
Methyl tert-Butyl Ether	1.35	49.0		ug/L	50.0	95%	58 - 151	15	28	5114971	NOK2624-01 12/01/05 02:41
Tertiary Butyl Alcohol	129	771		ug/L	500	128%	10 - 186	23	37	5114971	NOK2624-01 12/01/05 02:41
Xylenes, total	ND	190		ug/L	150	127%	68 - 139	11	23	5114971	NOK2624-01 12/01/05 02:41
Surrogate: 1,2-Dichloroethane-d4	44.7			ug/L	50.0	89%	70 - 130			5114971	NOK2624-01 12/01/05 02:41
Surrogate: 1,2-Dichloroethane-d4	44.7			ug/L	50.0	89%	70 - 130			5114971	NOK2624-01 12/01/05 02:41
Surrogate: Dibromofluoromethane	49.6			ug/L	50.0	99%	79 - 122			5114971	NOK2624-01 12/01/05 02:41
Surrogate: Dibromofluoromethane	49.6			ug/L	50.0	99%	79 - 122			5114971	NOK2624-01 12/01/05 02:41
Surrogate: Toluene-d8	54.6			ug/L	50.0	109%	78 - 121			5114971	NOK2624-01 12/01/05 02:41
Surrogate: Toluene-d8	54.6			ug/L	50.0	109%	78 - 121			5114971	NOK2624-01 12/01/05 02:41
Surrogate: 4-Bromofluorobenzene	49.7			ug/L	50.0	99%	78 - 126			5114971	NOK2624-01 12/01/05 02:41
Surrogate: 4-Bromofluorobenzene	49.7			ug/L	50.0	99%	78 - 126			5114971	NOK2624-01 12/01/05 02:41
Purgeable Petroleum Hydrocarbons											
5114480-MSD1											
GRO as Gasoline	1.10	1020		ug/L	1000	102%	43 - 146	8	27	5114480	NOK2297-02 11/27/05 13:42
Surrogate: a,a,a-Trifluorotoluene		31.0		ug/L	30.0	103%	63 - 134			5114480	NOK2297-02 11/27/05 13:42
5114595-MSD1											
GRO as Gasoline	1140	2120		ug/L	1000	98%	43 - 146	6	27	5114595	NOK2346-10 11/29/05 01:08
Surrogate: a,a,a-Trifluorotoluene		30.6		ug/L	30.0	102%	63 - 134			5114595	NOK2346-10 11/29/05 01:08
5114595-MSD2											
GRO as Gasoline	54.7	1080		ug/L	1000	103%	43 - 146	6	27	5114595	NOK2538-01 11/29/05 01:43
Surrogate: a,a,a-Trifluorotoluene		30.5		ug/L	30.0	102%	63 - 134			5114595	NOK2538-01 11/29/05 01:43

TestAmerica

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8015B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method**Matrix****Analyte**

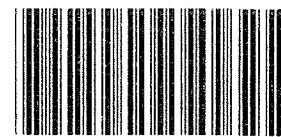
Client ETIC Engineering Pasadena (10324)
2774 East Walnut Street
Pasadena, CA 91107
Attn Patrick McCullough

Work Order: NOK2297
Project Name: Exxon 18-HE1 PO:4506119410
Project Number: 18-HE1
Received: 11/18/05 07:55

DATA QUALIFIERS AND DEFINITIONS

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES



Nashville Division

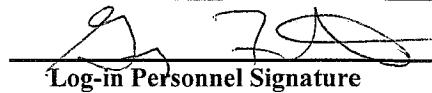
COOLER RECEIPT FORM

BC#

NOK2297

Client Name: ETIC ENGINEERING, INC

Cooler Received/Opened On: 11/18/05 **Accessioned By:** Greg Foster


Log-in Personnel Signature

1. Temperature of Cooler when triaged: 1.4 Degrees Celsius
2. Were custody seals on outside of cooler? YES...NO...NA
a. If yes, how many and where: 1 FRONT
3. Were custody seals on containers? NO...YES...NA
4. Were the seals intact, signed, and dated correctly? YES...NO...NA
5. Were custody papers inside cooler? YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA
7. Did you sign the custody papers in the appropriate place? YES...NO...NA
8. What kind of packing material used?

<input checked="" type="radio"/> Bubblewrap	<input type="radio"/> Peanuts	<input type="radio"/> Vermiculite	<input type="radio"/> Foam Insert
<input checked="" type="radio"/> Ziplock baggies	<input type="radio"/> Paper	<input type="radio"/> Other	<input type="radio"/> None
9. Cooling process:

<input checked="" type="radio"/> Ice	<input type="radio"/> Ice-pack	<input type="radio"/> Ice (direct contact)	<input type="radio"/> Dry ice	<input type="radio"/> Other	<input type="radio"/> None
--------------------------------------	--------------------------------	--	-------------------------------	-----------------------------	----------------------------
10. Did all containers arrive in good condition (unbroken)? YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA
12. Did all container labels and tags agree with custody papers? YES...NO...NA
13. Were correct containers used for the analysis requested? YES...NO...NA
14. a. Were VOA vials received? YES...NO...NA
b. Was there any observable head space present in any VOA vial? NO...YES...NA
15. Was sufficient amount of sample sent in each container? YES...NO...NA
16. Were correct preservatives used? YES...NO...NA

If not, record standard ID of preservative used here _____

17. Was residual chlorine present? NO... YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

 26402639
 Fed-Ex UPS Velocity DHL Route Off-street Misc.

19. If a Non-Conformance exists, see attached or comments below: